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# GZMA Antibody - middle region : FITC (ARP54793\_P050-FITC)

Data Sheet

Product Page	D 1 27 1	Laboration possible states
Name   GZMA Antibody - middle region : FTTC (ARP\$4793_P050-FTTC)	Product Number	ARP54793_P050-FITC
Protein Size (# AA)  262 amino acids  Molecular Weight  29kDa  Conjugation  FTC: Fhorescein Isothiocyanate  NCBI Gene Id  Host  Rabbit  Clonality  Polycloral  Concentration  0.5 mg/ml  Gene Full Name  Granzyme A (granzyme 1, cytotoxic T-lymphocyte-associated serine esterase 3)  Alias Symbols  HFSP, CTLA3  Synthetic peptide located within the following region: TREGOLKI LOLTEKAKINKYVTILH PKKGDDWKPGTMCOVAGWGRTHNS  Product Format  Liquid, Purified artibody supplied in 1x PRS buffer.  Reference  Benr.R.A., (2008) Pediatr. Res. 63 (6), 650-655  Cytotytic T-lymphocytes (CTL) and natural killer (NK) cells share the remarkable ability to recognize, bind, a lyse specific target cells. They are thought to protect their host by lysing cells bearing on their surface months or target cells, and the surface months or target cells. They are thought to protect their host by lysing cells bearing on their surface months or target cells. They are thought to protect their host by dysing cells bearing on their surface months or target cells. They are thought to protect their host by dysing cells bearing on their surface months or target cells. They are thought to protect their host by dysing cells bearing on their surface months of target cells by cytotoxic T-lymphocytes and natural killer cells. Cytotyfic T-lymphocytes and natural killer cells. Cytotyfic T-lymphocytes and natural killer cells. Publication Note This RefSeq record includes a subset of the publications that are awa for this gene. Please see the Entrez Gene record to access additional publications.  HISTHIHA: GAM: GOLGA2; APEXI; XRCCS; XRCC6; HISTLIPLE; SET; LMNA; HNRNPK; HDC HISTHIHA; GAM: GOLGA2; APEXI; XRCCS; XRCC6; HISTLIPLE; SET; LMNA; HNRNPK; HDC MISTHIHA; GAM: GOLGA2; APEXI; XRCCS; XRCC6; HISTLIPLE; SET; LMNA; HNRNPK; HDC MISTHIHA; GAM: GOLGA2; APEXI; XRCCS; XRCC6; HISTLIPLE; GAM: GPC Freezing and thaw conjugated antibodies will compromise enzyme activity as well as antibody binding.  Protein Interaction  Branches Peptide  For arti-GZMA (ARPS4793 POS0-FITC) anti		
Molecular Weight   29kDa		· · · · · · · · · · · · · · · · · · ·
Conjugation   FTTC: Flaorescein Isothiocyanate	Protein Size (# AA)	262 amino acids
NCBI Gene Id   3001   Rabbit   Rabbit   Polyclonal   Po	Molecular Weight	29kDa
Rabbit   Clonality   Polycloral	Conjugation	FITC: Fluorescein Isothiocyanate
Concentration   O.5 mg/ml	NCBI Gene Id	3001
Concentration 0.5 mg/ml  Gene Full Name Granzyme A (granzyme 1, cytotoxic T-lymphocyte-associated serine esterase 3)  Alias Symbols HFSP, CTLA3  Peptide Sequence Synthetic peptide located within the following region: TREGDLKLLOLTEK AKINKYVTILHLPKKGDDVKPGTMCOVAGWGRTHNS  Product Format Liquid. Purified antibody supplied in 1x PBS buffer.  Reference Bern.R.A., (2008) Pediatr. Res. 63 (6), 650-655  Cytolytic T lymphocytes (CTL) and natural killer (NK) cells share the remarkable ability to recognize, bind, a lyse specific target cells. They are thought to protect their host by lysing cells bearing on their surface 'norself' antigers, usually peptides or proteins resulting from infection by intracellular pathogers. The protein described is a T cell- and natural killer cell-specific serine protease that may function as a common component necessary lysis of target cells by cytotoxic T lymphocytes and natural killer cells. Cytolytic T lymphocytes (CTL) and an infection by intracellular pathogers. The protein described is a T cell- and natural killer cell-specific serine protease that may function as a common component necessary for lysis of target cells. They are though protect their host by lysing cells bearing on their surface 'nonself' antigers, usually peptides or proteins resulting infection by intracellular pathogers. The protein described here is a T cell- and natural killer cell-specific serine protease that may function as a common component necessary for lysis of traget cells. They are though protects their host by lysing cells bearing on their surface 'nonself' antigers, usually peptides or proteins resulting infection by intracellular pathogers. The protein described here is a T cell- and natural killer cells-specific serine protease that may function as a common component necessary for lysis of traget cells. They are though protease that a case for this gene. Please see the Entrez Gene record to access additional publications.  ISP90AA1; HSPA4; HMGR2; APEX1; XRCCS; XRCC6; HIST21/LBE; SET; LMNA; HNRNPK; HDC	Host	Rabbit
Granzyme A (granzyme 1, cytotoxic T-lymphocyte-associated serine esterase 3)  Alias Symbols HFSP, CTLA3  Peptide Sequence Synthetic peptide located within the following region: TREGDLKILOLTEKAKINKYVTILHPKKGDDVKPGTMCOVAGWGRIHNS  Product Format Liquid, Purified antibody supplied in 1x PBS buffer.  Reference Bern,R.A., (2008) Pediatr. Res. 63 (6), 650-655  Cytolytic T lymphocytes (CTL) and natural killer (NK) cells share the remarkable ability to recognize, bind, a lyse specific target cells. They are thought to protect their host by lysing cells bearing on their surface 'nonself' antigens, usually peptides or proteins resulting from infection by intracellular pathogens. The protein described is a T cell- and natural killer cell-specific serine protease that may function as a common component necessary lysis of target cells by cytotoxic T lymphocytes (CTL) and nat killer cells-pecific serine protease that may function as a common component necessary bysis of target cells by cytotoxic T lymphocytes (CTL) and natural killer cells-pecific serine protein described here is a T cell- and natural killer cells-pecific serine protein described here is a T cell- and natural killer cells-pecific serine protein described here is a T cell- and natural killer cells-pecific serine protein described here is a T cell- and natural killer cells-pecific serine protein described here is a T cell- and natural killer cells-pecific serine protein described here is a T cell- and natural killer cells-pecific serine protein described here is a T cell- and natural killer cells-pecific serine protein described here is a T cell- and natural killer cells-pecific serine protein described here is a T cell- and natural killer cells-pecific serine protein described here is a T cell- and natural killer cell-specific serine protein described here is a T cell- and natural killer cell-specific serine protein described in the series of the publications.  Protein Interactions  HSP00AA1; HSPA4; HMGB2; APEX1; XRCC5; XRCC6; HIST2H2BE; SET; LMNA; HNRNPK; HDC	Clonality	Polyclonal
Alias Symbols HFSP, CTLA3  Peptide Sequence Synthetic peptide located within the following region: TREGDI KLLOLTEKAKINKYVTILH PKKGDDYKPGTMCOVAGWGRTHNS  Product Format Liquid. Purified antibody supplied in 1x PBS buffer.  Reference BernR.A., (2008) Pediatr. Res. 63 (6), 650-655  Cytohytic T lymphocytes (CTL) and natural killer (NK) cells share the remarkable ability to recognize, bind, a lyse specific target cells. They are thought to protect their host by lysing cells bearing on their surface 'norself antigens, usually peptides or proteins resulting from infection by intracellular pathogens. The protein described is a T cell- and natural killer cell-specific serine protease that may function as a common component necessary lysis of target cells by cytotoxic T lymphocytes and natural killer cells. Cytohytic T lymphocytes (CTL) and natural killer cells-specific serine protease that may function as a common component necessary for lysis of target cells by cytotoxic T lymphocytes (CTL) and natural killer cells-protein resulting infection by intracellular pathogens. The protein described here is a T cell- and natural killer cell-specific serine protease that may function as a common component necessary for lysis of target cells by cytotoxic T lymphocytes and natural killer cells. Publication Note: This RefSeq record includes a subset of the publications that are ava for this gene. Please see the Entrez Gene record to access additional publications.  Protein Interactions HSP90AA1; HSPA4; HMGiB2; APEX1; XRCC5; XRCC6; HIST2H2BE; SET; LMNA; HNRNPK; HDC HIST1H1A; CiZMA; COLGA2; ACTG1; Ndufs3; NCL; LMNB1;  All conjugated antibodies should be stored in light-protected vals or covered with a light protecting material (in aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugated antibodies will compromise enzyme activity as well as antibody binding.  Printable datasheet for anti-GZMA (ARP54793_P050-FITC) antibody is Catalog # AAP54793 (Previous Catalog	Concentration	0.5 mg/ml
Peptide Sequence  Synthetic peptide located within the following region: TREGDLK LLOLTEK AKINKYVTILHLPKK GDDVK PGTMCQVAGWGRTHNS  Liquid. Purified antibody supplied in 1x PBS buffer.  Reference  Bern, A., (2008) Pediatr. Res. 63 (6), 650-655  Cytolyic T lymphocytes (CTL) and natural killer (NK) cells share the remarkable ability to recognize, bind, a lyse specific target cells. They are thought to protect their host by lysing cells bearing on their surface honself antigens, usually peptides or proteins resulting from infection by intracellular pathogens. The protein described is a T cell- and natural killer cell-specific serine protease that may function as a common component necessary lysis of target cells by cytotoxic T lymphocytes and natural killer cells. Cytolytic T lymphocytes (CTL) and nat killer (NK) cells share the remarkable ability to recognize, bind, and lyse specific target cells. They are though protect their host by lysing cells bearing on their surface 'nonself antigens, usually peptides or proteins resulting infection by intracellular pathogens. The protein described here is a T cell- and natural killer cells. Publication sering protease that may function as a common component necessary for lysis of target cells by cytotoxic T lymphocytes and natural killer cells. Publication Note: This RefSeq record includes a subset of the publications that are ava for this gene. Please see the Entrez Gene record to access additional publications.  HSP90AA1; HSP94; HMGB2; APEX1; XRCC5; XRCC6; HIST2H2BE; SET; LMNA; HNRNPK; HDC HISTHHA; GZMA; GOLGA2; ACTG1; Nduß3; NCL; LMNB1;  All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawit conjugated antibodies will compromise enzyme activity as well as antibody binding.  Printable datasheet for ant	Gene Full Name	Granzyme A (granzyme 1, cytotoxic T-lymphocyte-associated serine esterase 3)
Product Format Liquid, Purified antibody supplied in 1x PBS buffer.  Reference Bem,R.A., (2008) Pediatr. Res. 63 (6), 650-655 Cytolytic T jmphocytes (CTL) and natural killer (NK) cells share the remarkable ability to recognize, bind, a lyse specific target cells. They are thought to protect their host by lysing cells bearing on their surface 'nonself' antigens, usually peptides or proteins resulting from infection by intracellular pathogens. The protein described is a T cell- and natural killer cell-specific serine protease that may function as a common component necessary lysis of target cells by cytotoxic T lymphocytes and natural killer cells. Cytolytic T lymphocytes (CTL) and nat killer (NK) cells share the remarkable ability to recognize, bind, and lyse specific target cells. They are though protect their host by lysing cells bearing on their surface 'nonself' antigens, usually peptides or proteins resulting infection by intracellular pathogens. The protein described here is a T cell- and natural killer cell-specific serine protease that may function as a common component necessary for lysis of target cells by cytotoxic T lymphocytes and natural killer cell-specific serine protease that may function as a common component necessary for lysis of target cells by cytotoxic T lymphocytes and natural killer cell-specific serine protease that may function as a common component necessary for lysis of target cells by cytotoxic T lymphocytes and natural killer cells. Publication Note: This RefSeq record includes a subset of the publications that are ava for this gene. Please see the Entrez Gene record to access additional publications that are ava for this gene. Please see the Entrez Gene record to access additional publications.  Reconstitution and  Storage  All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (is aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be dibute	Alias Symbols	HFSP, CTLA3
Reference  Bem,R.A., (2008) Pediatr. Res. 63 (6), 650-655  Cytolytic T lymphocytes (CTL) and natural killer (NK) cells share the remarkable ability to recognize, bind, a lyse specific target cells. They are thought to protect their host by lysing cells bearing on their surface 'nonself antigens, usually peptides or proteins resulting from infection by intracellular pathogens. The protein described is a T cell- and natural killer cell-specific serine protease that may finite role-specific serine protease that the remarkable ability to recognize, bind, and lyse specific target cells. Cytolytic T lymphocytes (CTL) and nat killer (NK) cells share the remarkable ability to recognize, bind, and lyse specific target cells. They are though protect their host by lysing cells bearing on their surface 'nonself' antigens, usually peptides or proteins resulting infection by intracellular pathogens. The protein described here is a T cell- and natural killer cell-specific serine protease that may function as a common component necessary for lysis of target cells by cytotoxic T lymphoc and natural killer cells. Publication Note: This RefSeq record includes a subset of the publications that are ava for this gene. Please see the Entrez Gene record to access additional publications.  Protein Interactions  HSP90AA1; HSPA4; HMGB2; APEX1; XRCC5; XRCC6; HIST2H2BE; SET; LMNA; HNRNPK; HDC HIST1H1A; GZMA; GOLGA2; ACTG1; Nduß3; NC1; LMNB1;  All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (a duminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugated antibodies are stable for at least 12 months at	Peptide Sequence	
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HIST1H1A; GZMA; GOLGA2; ACTG1; Ndufs3; NCL; LMNB1;  All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (a aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawic conjugated antibodies will compromise enzyme activity as well as antibody binding.  Datasheets/Manuals  Printable datasheet for anti-GZMA (ARP54793_P050-FITC) antibody  Blocking Peptide  For anti-GZMA (ARP54793_P050-FITC) antibody is Catalog # AAP54793 (Previous Catalog # AAPP31:  Immunogen  The immunogen is a synthetic peptide directed towards the middle region of human GZMA  Uniprot ID  P12544  Protein Name  GZMA is supported by BioGPS gene expression data to be expressed in Jurkat  Protein Accession # NP_006135  Purification  Affinity Purified	Description of Target	lyse specific target cells. They are thought to protect their host by lysing cells bearing on their surface 'nonself' antigens, usually peptides or proteins resulting from infection by intracellular pathogens. The protein described here is a T cell- and natural killer cell-specific serine protease that may function as a common component necessary for lysis of target cells by cytotoxic T lymphocytes and natural killer cells. Cytolytic T lymphocytes (CTL) and natural killer (NK) cells share the remarkable ability to recognize, bind, and lyse specific target cells. They are thought to protect their host by lysing cells bearing on their surface 'nonself' antigens, usually peptides or proteins resulting from infection by intracellular pathogens. The protein described here is a T cell- and natural killer cell-specific serine protease that may function as a common component necessary for lysis of target cells by cytotoxic T lymphocytes and natural killer cells. Publication Note: This RefSeq record includes a subset of the publications that are available
aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawis conjugated antibodies will compromise enzyme activity as well as antibody binding.  Datasheets/Manuals  Printable datasheet for anti-GZMA (ARP54793_P050-FITC) antibody  Blocking Peptide  For anti-GZMA (ARP54793_P050-FITC) antibody is Catalog # AAP54793 (Previous Catalog # AAP931:  Immunogen  The immunogen is a synthetic peptide directed towards the middle region of human GZMA  Uniprot ID  P12544  Protein Name  Granzyme A  Sample Type Confirmation  GZMA is supported by BioGPS gene expression data to be expressed in Jurkat  Protein Accession #  NP_006135  Purification  Affinity Purified	<b>Protein Interactions</b>	HSP90AA1; HSPA4; HMGB2; APEX1; XRCC5; XRCC6; HIST2H2BE; SET; LMNA; HNRNPK; HDC; HIST1H1A; GZMA; GOLGA2; ACTG1; Ndufs3; NCL; LMNB1;
Blocking Peptide For anti-GZMA (ARP54793_P050-FITC) antibody is Catalog # AAP54793 (Previous Catalog # AAP9313  Immunogen The immunogen is a synthetic peptide directed towards the middle region of human GZMA  Uniprot ID P12544  Protein Name Granzyme A  Sample Type Confirmation GZMA is supported by BioGPS gene expression data to be expressed in Jurkat  Protein Accession # NP_006135  Purification Affinity Purified		months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing
Immunogen The immunogen is a synthetic peptide directed towards the middle region of human GZMA  Uniprot ID P12544  Protein Name Granzyme A  Sample Type GZMA is supported by BioGPS gene expression data to be expressed in Jurkat  Protein Accession # NP_006135  Purification Affinity Purified	Datasheets/Manuals	Printable datasheet for anti-GZMA (ARP54793_P050-FITC) antibody
Uniprot ID Protein Name Granzyme A  Sample Type Confirmation GZMA is supported by BioGPS gene expression data to be expressed in Jurkat  Protein Accession # NP_006135  Purification Affinity Purified	Blocking Peptide	For anti-GZMA (ARP54793_P050-FITC) antibody is Catalog # AAP54793 (Previous Catalog # AAP931588)
Protein Name Granzyme A  Sample Type Confirmation GZMA is supported by BioGPS gene expression data to be expressed in Jurkat  Protein Accession # NP_006135  Purification Affinity Purified	Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human GZMA
Sample Type Confirmation  GZMA is supported by BioGPS gene expression data to be expressed in Jurkat  Protein Accession # NP_006135  Purification Affinity Purified	Uniprot ID	<u>P12544</u>
Confirmation    GZIVIA is supported by BioCiPS gene expression data to be expressed in Jurkat   Protein Accession #   NP_006135     Purification   Affinity Purified	Protein Name	Granzyme A
Purification Affinity Purified		GZMA is supported by BioGPS gene expression data to be expressed in Jurkat
	Protein Accession #	<u>NP_006135</u>
Nucleotide Accession # NM 006144	Purification	Affinity Purified
	Nucleotide Accession #	<u>NM_006144</u>
Gene Symbol GZMA	Gene Symbol	<u>GZMA</u>

Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 85%; Dog: 86%; Horse: 93%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 79%; Rat: 100%
Image 1	

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