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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54793_P050-FITC
Product Page	www.avivasysbio.com/gzma-antibody-middle-region-fitc-arp54793-p050-fitc.html
Name	GZMA Antibody - middle region : FITC (ARP54793_P050-FITC)
Protein Size (# AA)	262 amino acids
Molecular Weight	29kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	3001
Host	Rabbit
Clonality	Polyclonal
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: TREGDLKLLQLTEKAKINKYVTLHLPKKGDDVKPGTMCQVAGWGRTHNS
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Bem,R.A., (2008) <i>Pediatr. Res.</i> 63 (6), 650-655
Description of Target	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. 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 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; Ndufs3; NCL; LMNB1;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. 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 thawing 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# AAPP31588)
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
Nucleotide Accession #	NM_006144
Gene Symbol	GZMA

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	 A schematic diagram of a Y-shaped antibody molecule. It consists of two heavy chains (inner lines) and two light chains (outer lines) joined at their C-termini. The two heavy chains are connected to each other and to the two light chains, forming a Y-shape with two antigen-binding sites at the tips of the arms.

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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