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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	ARP59114_P050-FITC
Product Page	www.avivasysbio.com/cd8a-antibody-middle-region-fitc-arp59114-p050-fitc.html
Name	CD8A Antibody - middle region : FITC (ARP59114_P050-FITC)
Protein Size (# AA)	235 amino acids
Molecular Weight	24kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	925
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	CD8a molecule
Alias Symbols	CD8, p32, Leu2
Peptide Sequence	Synthetic peptide located within the following region: GKRLGDTFVLTLSDFRRENEGYFCSALSNSIMYFSHEVFPVFLPAKPTTT
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Description of Target	The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system. The CD8 antigen acts as a corepressor with the T-cell receptor on the T lymphocyte to recognize antigens displayed by an antigen presenting cell (APC) in the context of class I MHC molecules. The coreceptor functions as either a homodimer composed of two alpha chains, or as a heterodimer composed of one alpha and one beta chain. Both alpha and beta chains share significant homology to immunoglobulin variable light chains. This gene encodes the CD8 alpha chain isoforms. Multiple transcript variants encoding different isoforms have been found for this gene.
Protein Interactions	CACYBP; UBC; CDK1; LNX2; LNX1; SREK1; LAT; SRSF1; CD8A; CD3D; CD8B; LCK; PTPRC; LGALS1; HLA-E; HLA-G; HLA-C; HLA-B; HLA-A; B2M; CD59;
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-CD8A (ARP59114_P050-FITC) antibody
Blocking Peptide	For anti-CD8A (ARP59114_P050-FITC) antibody is Catalog# AAP59114 (Previous Catalog# AAPP45094)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human CD8A
Uniprot ID	P01732
Protein Name	T-cell surface glycoprotein CD8 alpha chain
Protein Accession #	NP_001139345
Purification	Affinity Purified
Nucleotide Accession #	NM_001145873
Gene Symbol	CD8A
Predicted Species Reactivity	Human, Dog
Application	WB
Predicted Homology Based on Immunogen Sequence	Dog: 79%; Human: 100%

Image 1



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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6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com