

Mouse CD4 Monoclonal Antibody | anti-CD4 antibody

MOUSE ANTI RAT CD4 (DOMAIN 2)

CATALOG #	HOST	APPLICATIONS
AAA49268	Mouse	Immunoprecipitation, Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry

PRODUCT SYNONYMS

CD4; Monoclonal Antibody; MOUSE ANTI RAT CD4 (DOMAIN 2); anti-CD4 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	OX-35
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Sequence Length	457
Applicable Applications for anti-CD4 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Perservative Stabilisers	0.09% Sodium Azide Preparation
Buffer Solution	Phosphate buffered saline
Target Species	Rat
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data

Immunofluorescence staining of rat lymph node cryosection using Mouse anti Rat CD4 antibody , red in A and Mouse anti Rat CD8 , green in B. C is merged image with nuclear counterstaining with DAPI in blue. High power



Application Data

Immunofluorescence staining of rat lymph node cryosection using Mouse anti Rat CD4 antibody , red in A and Mouse anti Rat CD8 , green in B. C is merged image with nuclear counterstaining with DAPI in blue. Low power

**Application Data**

Immunoperoxidase staining of rat lymph node cryosection using Mouse anti Rat CD4 antibody followed by horseradish peroxidase conjugated Goat anti Mouse IgG2a as a detection reagent. Low power

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ADDITIONAL INFORMATION

Related Product Information for anti-CD4 antibody

Mouse anti Rat CD4 (Domain 2) antibody, clone OX-35 recognizes the rat CD4 cell surface antigen, a ~55kDa glycoprotein expressed by helper T cells and weakly by monocytes. This antibody recognizes a different epitope on the CD4 molecule than the W3/25 monoclonal Mouse anti Rat CD4 antibody.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6978631
NCBI GeneID	24932
NCBI Accession #	NP_036837.1
NCBI GenBank Nucleotide #	NM_012705.1
UniProt Accession #	P05540
Molecular Weight	51,438 Da
NCBI Official Full Name	T-cell surface glycoprotein CD4
NCBI Official Synonym Full Names	Cd4 molecule
NCBI Official Symbol	Cd4
NCBI Official Synonym Symbols	p55; W3/25
NCBI Protein Information	T-cell surface glycoprotein CD4; CD4 antigen; T-cell surface antigen T4/Leu-3; W3/25 antigen
UniProt Protein Name	T-cell surface glycoprotein CD4
UniProt Gene Name	Cd4
UniProt Entry Name	CD4_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd4-antibody-clone-ox-35-immunoprecipitation-immunofluorescence-flow-cytometry-immunohistochemistry-elisa/49268>