

Rat CD4 Monoclonal Antibody | anti-CD4 antibody

RAT ANTI MOUSE CD4

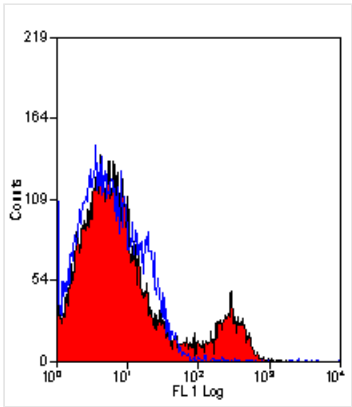
CATALOG # AAA11939	HOST Rat	APPLICATIONS Immunohistochemistry, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

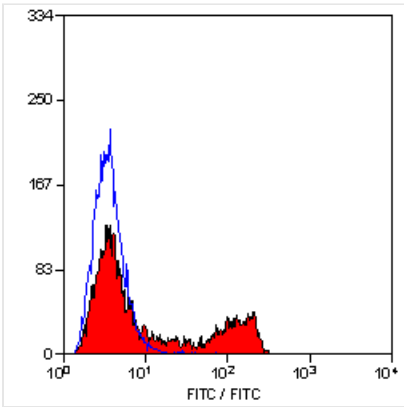
CD4; Monoclonal Antibody; RAT ANTI MOUSE CD4; anti-CD4 antibody

PRODUCT SPECIFICATIONS

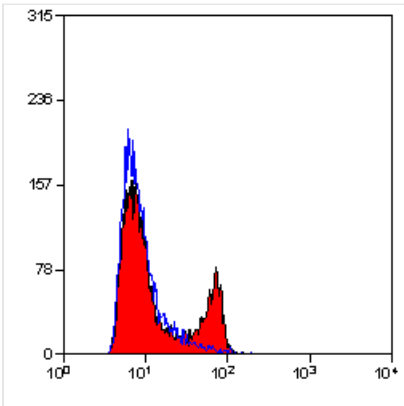
Host	Rat
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	YTS191.1
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1 mg/ml (varies by lot)
Sequence Length	217
Applicable Applications for anti-CD4 antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 106 cells in 100ul. Immunohistology - Frozen: Application Note: The epitope recognised by this antibody is reported to be sensitive to formaldehyde fixation and tissue processing. We recommends the use of acetone fixation for frozen sections. Flow Cytometry: Minimum Dilution: 1/50; Maximum Dilution: 1/200
Perservative Stabilisers	0.09% Sodium Azide Preparation
Buffer Solution	Phosphate buffered saline
Target Species	Mouse
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.



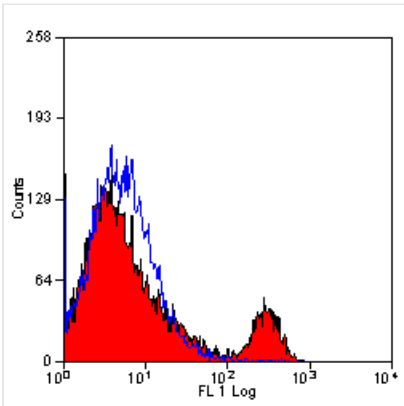
Application Data
Staining of mouse spleen cells with Rat anti Mouse CD4



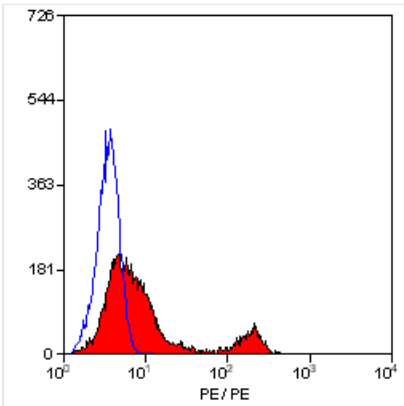
Application Data
Staining of mouse peripheral blood lymphocytes with Rat anti Mouse CD4:FITC



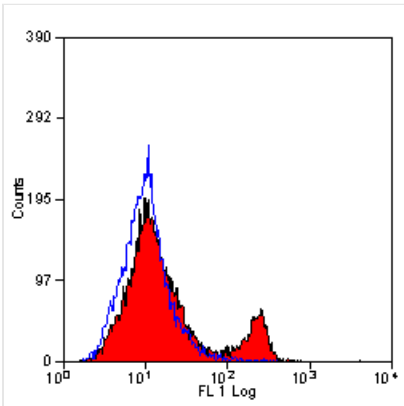
Application Data
Staining of mouse peripheral blood lymphocytes with Rat anti Mouse CD4: Alexa Fluor 405



Application Data
Staining of mouse spleen with Rat anti Mouse CD4: Low Endotoxin



Application Data
Staining of mouse spleen cells with Rat anti Mouse CD4:RPE



Application Data
Staining of mouse spleen with Rat anti Mouse CD4

ADDITIONAL INFORMATION

Related Product Information for anti-CD4 antibody	Rat anti Mouse CD4 antibody, clone YTS191.1 recognizes the murine CD4 cell surface antigen, expressed by a subset of T lymphocytes. Rat anti Mouse CD4 antibody, clone YTS191.1 exhibits depleting activity when used in vivo (Bemelman et al. 1998).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7304953
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NCBI GeneID	12504
NCBI Accession #	NP_038516.1
NCBI GenBank Nucleotide #	NM_013488.2
UniProt Accession #	P06332
Molecular Weight	24,473 Da
NCBI Official Full Name	T-cell surface glycoprotein CD4
NCBI Official Synonym Full Names	CD4 antigen
NCBI Official Symbol	Cd4
NCBI Official Synonym Symbols	L3T4; Ly-4
NCBI Protein Information	T-cell surface glycoprotein CD4; T-cell differentiation antigen L3T4; T-cell surface antigen T4/Leu-3; T-cell surface glycoprotein CD4 precursor (T-cell surface antigen T4/Leu-3) (T-cell differentiation antigen L3T4)
UniProt Protein Name	T-cell surface glycoprotein CD4
UniProt Gene Name	Cd4
UniProt Entry Name	CD4_MOUSE

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-yts191-1-immunohistochemistry-flow-cytometry-elisa/11939>