

Rat CD8 Monoclonal Antibody | anti-CD8 antibody

RAT ANTI HUMAN CD8

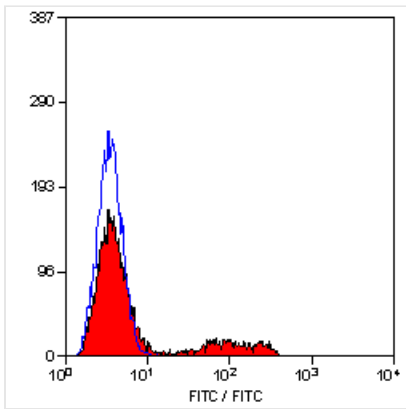
CATALOG # AAA49400	HOST Rat	APPLICATIONS Immunofluorescence, Flow Cytometry, Functional Assay, Immunohistochemistry
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PRODUCT SYNONYMS

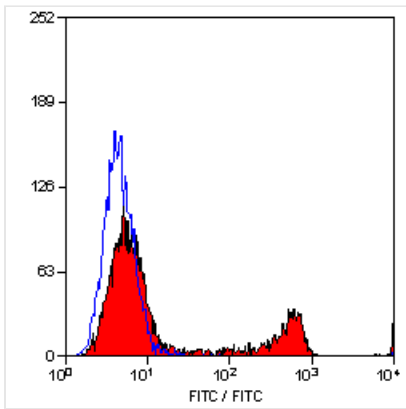
CD8; Monoclonal Antibody; RAT ANTI HUMAN CD8; CD8B1; MAL; anti-CD8 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	YTC182.20
Specificity	Rat anti Human CD8 antibody, clone YTC182.20 recognizes the human CD8 cell surface antigen, a 30/32kD glycoprotein expressed by the cytotoxic/suppressor subset of T lymphocytes, and more weakly by NK cells.
Form/Format	Purified Purified IgG - liquid
Concentration	Ig concentration 1.0mg/ml (varies by lot)
Sequence Length	235
Applicable Applications for anti-CD8 antibody	IF (Immunofluorescence), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Perservative Stabilisers	0.09% Sodium Azide
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Carrier	Yes
Immunogen	Mouse L cells transfected with human CD8 gene
Fusion Partners	Spleen cells from an immunised DA rat were fused with cells of the rat Y3/Ag.1.2.3 myeloma line.
Buffer Solution	Phosphate buffered saline
Target Species	Human
Species Cross-Reactivity	Reacts with: Cynomolgus monkey, Rhesus Monkey. N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators.
Preparation and Storage	It is recommended to aliquot and store at -20 degree C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8 degree C for short term use (up to 4 weeks) and store the remaining aliquots at -20 degree C. Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.



Application Data
Staining of human peripheral blood lymphocytes with Rat anti Human CD8:FITC



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Staining of human peripheral blood lymphocytes with Rat anti Human CD8

NCBI AND UNIPROT INFORMATION

NCBI GI #	225007536
NCBI GeneID	925
NCBI Accession #	NP_001139345.1
NCBI GenBank Nucleotide #	NM_001145873.1
NCBI Official Full Name	T-cell surface glycoprotein CD8 alpha chain isoform 1
NCBI Official Synonym Full Names	CD8a molecule
NCBI Official Symbol	CD8A
NCBI Official Synonym Symbols	CD8; MAL; p32; Leu2
NCBI Protein Information	T-cell surface glycoprotein CD8 alpha chain; CD8 antigen, alpha polypeptide (p32); Leu2 T-lymphocyte antigen; OKT8 T-cell antigen; T cell co-receptor; T-cell antigen Leu2; T-lymphocyte differentiation antigen T8/Leu-2
UniProt Protein Name	T-cell surface glycoprotein CD8 alpha chain
UniProt Gene Name	CD8A
UniProt Synonym Gene Names	MAL
UniProt Entry Name	CD8A_HUMAN

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/cd8-antibody-clone-ytc182-20-immunofluorescence-flow-cytometry-immunohistochemistry-elisa/49400>