

Rat anti-Mouse CD8 Monoclonal Antibody | anti-CD8 antibody

Rat monoclonal CD8 antibody (FITC)

CATALOG # AAA224620	HOST Rat	REACTIVITY Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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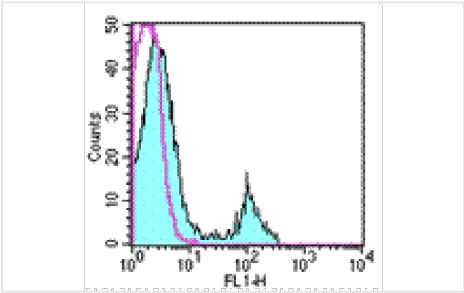
PRODUCT SYNONYMS

CD8; Monoclonal Antibody; Rat monoclonal CD8 antibody (FITC); CD8 antibody (FITC); anti-CD8 antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	IgG2b kappa
Clone Number	H35-17.2
Specificity	Mouse
Form/Format	Liquid in PBS, pH 7.2, with 0.1% Gelatin and 0.09% Sodium Azide. FITC conjugated
Concentration	500 ug/ml (varies by lot)
Sequence Length	216
Applicable Applications for anti-CD8 antibody	FCM/FACS (Flow Cytometry)
Assay Information	A test is defined as the amount (ug) of antibody that will stain a cell sample in a final volume of 100 ul. Cell number should be determined empirically but can range from 10 ⁵ to 10 ⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.
Cross Reactivity	Mouse
Conjugate	FITC
Biological Significance	The H35-17.2 monoclonal antibody reacts with the mouse CD8beta molecule. The CD8beta chain associates with the CD8 alpha chain to form the CD8 alpha/beta heterodimer expressed on the surface of a majority of thymocytes, and on peripheral cytotoxic alpha beta TCR T cells. CD8 binds to MHC class I and plays a role in T cell development and activation of mature T cells.
Preparation and Storage	Store at 4°C. Do not freeze. Protect from light.

IMAGES



FCM/FACS (Flow Cytometry)
Staining of BALB/c splenocytes with CD8a antibody and 0.125 ug of Rat IgG2b kappa Isotype Control (FITC) (left) or 0.125 ug of CD8b antibody (FITC) (right). Cells in the lymphocyte gate were used for analysis.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CD8 antibody	Immunology
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NCBI AND UNIPROT INFORMATION

NCBI GI #	76786711
NCBI GeneID	403158
NCBI Official Full Name	CD8, partial
NCBI Official Synonym Full Names	CD8a molecule
NCBI Official Symbol	CD8A
NCBI Official Synonym Symbols	CD8
NCBI Protein Information	T-cell surface glycoprotein CD8 alpha chain
UniProt Protein Name	CD8

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-h35-17-2-flow-cytometry-elisa/224620>