

Mouse anti-Human CD8b Monoclonal Antibody | anti-CD8b antibody

CD8b antibody (PE)

CATALOG # AAA224752	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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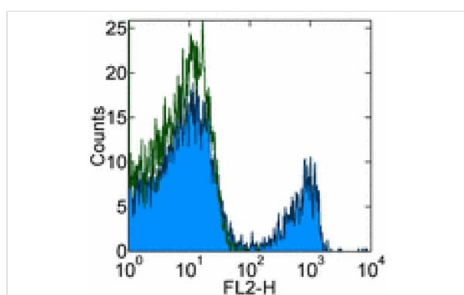
PRODUCT SYNONYMS

CD8b; Monoclonal Antibody; CD8b antibody (PE); Mouse monoclonal CD8b antibody (PE); Monoclonal CD8b antibody; Anti-CD8b antibody; CD8 beta antibody; CD-8b antibody; CD-8b; CD 8b; Ly-3 antibody; CD 8b antibody; anti-CD8b antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1 kappa
Clone Number	341
Specificity	Human
Form/Format	Supplied in aqueous buffer with 0.09% sodium azide, may contain carrier protein/stabilizer.
Concentration	200 ug/ml (varies by lot)
Sequence Length	243
Applicable Applications for anti-CD8b antibody	FCM/FACS (Flow Cytometry)
Conjugate	PE
Preparation and Storage	Store at 2-8 degree C. Do not freeze. Protect from light.

IMAGES



FCM/FACS (Flow Cytometry)

Staining of rat splenocytes with 0.125 ug of Mouse IgG1 kappa Isotype Control (PE) (open histogram) or 0.125 ug of CD8b antibody (PE) (filled histogram). Cells in the lymphocyte gate were used for analysis.

ADDITIONAL INFORMATION

Related Product Information for anti-CD8b antibody	The 341 monoclonal antibody reacts with rat CD8beta. CD8beta is a member of the immunoglobulin superfamily which heterodimerizes with CD8 alpha to form the CD8 antigen expressed on CD4+CD8+, double-positive thymocytes, the majority of MHC class I-restricted peripheral T cells, and on some macrophages. CD8beta expression is absent in athymic mice, which are populated by T-cells expressing CD8 alpha homodimers. This has led to the idea that CD8beta expression is dependent on the development of T cells in the thymus. CD8 binds to MHC class I expressed on the surface of antigen-presenting cells during antigen presentation, and participates in T-cell receptor signal transduction through association with the kinase Lck.
Product Categories/Family for anti-CD8b antibody	Immunology

NCBI AND UNIPROT INFORMATION

NCBI GI #	71682667
NCBI GeneID	926
Molecular Weight	22,237 Da
NCBI Official Full Name	CD8b molecule
NCBI Official Synonym Full Names	CD8b molecule
NCBI Official Symbol	CD8B
NCBI Official Synonym Symbols	LY3; P37; LEU2; LYT3; CD8B1
NCBI Protein Information	T-cell surface glycoprotein CD8 beta chain
UniProt Protein Name	T-cell surface glycoprotein CD8 beta chain
UniProt Gene Name	CD8B
UniProt Synonym Gene Names	CD8B1

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/cd8b-antibody-clone-341-flow-cytometry-elisa/224752>