

Rabbit anti-Mouse CD8 Polyclonal Antibody | anti-CD8 antibody

CD8

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA111071	Rabbit	Mouse	Immunocytochemistry, Western Blot

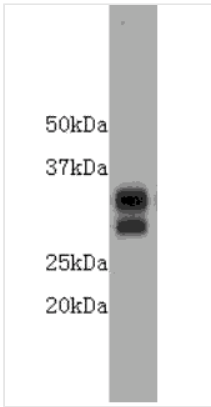
PRODUCT SYNONYMS

CD8; Polyclonal Antibody; T-cell surface glycoprotein CD8 alpha chain; T-cell surface glycoprotein Lyt-2; CD8a; anti-CD8 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) corresponding to near N-terminal residues of Cd8a protein.
Purity/Purification	Immunogen affinity purified
Form/Format	Liquid; 1*TBS (pH7.4), 0.5%BSA, 25%Glycerol.
Concentration	100ul, 0.45mg/ml (varies by lot)
Sequence Length	247
Applicable Applications for anti-CD8 antibody	ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Peptide
Storage Buffer	1*TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide.
Positive control	Mouse Thymus
Cellular Location	Cell membrane
Preservative	0.05% Sodium Azide.
Preparation and Storage	Store at +4 degree C after thawing. Aliquot store at -20 degree C or -80 degree C. Avoid repeated freeze / thaw cycles.

IMAGES



WB (Western Blot)
Western blot analysis on mouse Thymus using anti-CD8 polyclonal antibody

ADDITIONAL INFORMATION

Related Product Information for anti-CD8 antibody	The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell to cell interactions within the immune system. Cluster of Differentiation 8 (CD8) is a disulphide-linked heterodimer consisting of the unrelated α and β subunits. Each subunit is a glycoprotein composed of a single extracellular Ig-like domain, a polypeptide linker, a transmembrane part and a short cytoplasmic tail. CD8 α chains binds to class I MHC molecules α -3 domains. CD8 is thought to play a role in the process of T-cell mediated killing.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	124487437
NCBI GeneID	12525
NCBI Accession #	NP_001074579.1
NCBI GenBank Nucleotide #	NM_001081110.2
UniProt Accession #	P01731
Molecular Weight	32-36kDa
NCBI Official Full Name	T-cell surface glycoprotein CD8 alpha chain isoform 1
NCBI Official Synonym Full Names	CD8 antigen, alpha chain
NCBI Official Symbol	Cd8a
NCBI Official Synonym Symbols	Ly-2; Ly-B; Ly-35; Lyt-2; BB154331
NCBI Protein Information	T-cell surface glycoprotein CD8 alpha chain
UniProt Protein Name	T-cell surface glycoprotein CD8 alpha chain
UniProt Gene Name	Cd8a
UniProt Synonym Gene Names	Lyt-2; Lyt2

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.