



20150116ML

Anti-Human CD8 alpha (#3C39)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

Cat.-no.:	101-M314
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with human recombinant protein of CD8a extracellular domain.

Target Background

Synonyms (Target):	CD8A; CD8; MAL; p32; Leu2
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CD8 is a heterodimeric glycoprotein consisting of an alpha and beta chain. It is expressed on cytolytic T cells and functions in conjunction with the T cell receptor in the recognition of MHC/peptide complexes.

Database References Target

Protein RefSeq:	NP_001759.3
Uniprot ID:	P01732
mRNA RefSeq:	NM_001768.6

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#3C39)
Isotype	IgG2
Purification	Protein G chromatography
Antigen	recombinant human CD8 alpha extracellular domain
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody was selected for its ability to detect human CD8 alpha.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

Applications

The antibody can be used within the following applications:
FC

Recommended usage:

FC: 1:50-100

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!