CD8 Biotin monoclonal antibody, clone hCD8

Catalog # MAB23591 Size 500 ug

Specification

Product Description	Mouse Biotin monoclonal antibody raised against synthetic peptide of human CD8.
Immunogen	Purified human PBL CD8+ T cells
Host	Mouse
Form	Lyophilized
Purification	Ion exchange column
Isotype	IgG2a
Recommend Usage	weakly cytotoxic. For staining (10 µL/1,000,000 cells). Titer for blocking T cells should be determined by the investigator. The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from 1 mg/mL in PBS
Storage Instruction	Store at 4°C on dry atmosphere. After reconstitution with 1 mL of deionized water, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — CD8A

Entrez GeneID	925
Gene Name	CD8A
Gene Alias	CD8, Leu2, MAL, p32

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Gene Description	CD8a molecule
Omim ID	186910 608957
Gene Ontology	Hyperlink
Gene Summary	The CD8 antigen is a cell surface glycoprotein found on most cytotoxic T lymphocytes that mediates efficient cell-cell interactions within the immune system. The CD8 antigen acts as a coreceptor with the T-cell receptor on the T lymphocyte to recognize antigens displayed by an antigen presenting cell (APC) in the context of class I MHC molecules. The coreceptor functions as either a homodimer composed of two alpha chains, or as a heterodimer composed of one alpha and one beta chain. Both alpha and beta chains share significant homology to immunoglobulin variable light chains. This gene encodes the CD8 alpha chain isoforms. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	CD8 antigen alpha polypeptide|CD8 antigen, alpha polypeptide (p32)|Leu2 T-lymphocyte antigen|OKT8 T-cell antigen|T cell co-receptor|T-cell antigen Leu2|T-cell surface glycoprotein CD8 alpha chain|T-lymphocyte differentiation antigen T8/Leu-2|T8 T-cell ant

Pathway

- Antigen processing and presentation
- Cell adhesion molecules (CAMs)
- Hematopoietic cell lineage
- Primary immunodeficiency
- T cell receptor signaling pathway

Copyright © 2023 Abnova Corporation. All Rights Reserved.