

CD8A monoclonal antibody, clone 143-44

Catalog # MAB4963

Size 1 mg

Specification

Product Description Mouse monoclonal antibody raised against CD8A.

Immunogen T-lymphocyte differentiation antigen.

Host Mouse

Reactivity Human

Form Liquid

Purification Protein A/G purification

Isotype IgG1

Recommend Usage Flow Cytometry (20 μ L/ 10^6 cells)
The optimal working dilution should be determined by the end user.

Storage Buffer In buffer containing 1% BSA, pH 7.2 (0.09% sodium azide).

Storage Instruction Store in the dark at 4°C. Avoid prolonged exposure to light.

Note This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunofluorescence
- Flow Cytometry

Gene Info — CD8A

Entrez GeneID

[925](#)

Gene Name	CD8A
Gene Alias	CD8, Leu2, MAL, p32
Gene Description	CD8a molecule
Omim ID	186910 608957
Gene Ontology	Hyperlink
Gene Summary	<p>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]</p>
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](#)