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CD8 a (AB1643) Rabbit mAb

M3004

Key Features

Host Species
• Rabbit

Reactivity
• Mouse,

Applications
• IHC, WB, ELISA

MW
• 26 kDa (calculated)
• 35 kDa (observed)

Isotype
• IgG

Recommended Dilution Ratios

Application	Dilution
IHC, WB, ELISA	WB, 1:500-1:2000 | IHC, 1:200-1:400 | ELISA, Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions	Store at-20℃. Avoid freeze / thaw cycles.
Storage buffer	The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality	Monoclonal
Clone Number	AB1643
Immunogen	A synthetic peptide corresponding to the amino acid region 150 - 235 of the mouse CD8 a protein
Specificity	This antibody detects endogenous levels of CD8 a protein.
Purification	Affinity purification Protein A
Concentration	Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name	CD8A MAL
Protein Name	CD8 a

Database Link	**Organism**	**Swiss Prot.**	**Gene ID**
	Human	P01732	925

Background

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 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. Multiple transcript variants encoding different isoforms have been found for this gene. The major protein isoforms of this gene differ by the presence or absence of a transmembrane domain and thus differ in being a membrane-anchored or secreted protein. [provided by RefSeq, May 2020]

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