

CD8A

Reactivity: Human

Tested applications: WB IHC ICC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 ICC 1:50 - 1:200 IF 1:50 - 1:100

Calculated MW: 26 kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human CD8A

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

CD8; MAL; p32; Leu2;

Catalog #: A11033

Antibody Type:

Monoclonal Antibody

Species: Rabbit

Gene ID: 925

Isotype: IgG

Swiss Prot: P01732

Purity: Affinity purification

For research use only.

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.

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