CD8A Rabbit mAb

Catalog NO.: A0663 Recombinant 10 Publications

Basic Information

Observed MW
Refer to figures

Calculated MW
26kDa

Category
Monoclonal Antibodies

Applications
ELISA

Cross-Reactivity
Human

Conjugation
Unconjugated

Clone number
ARC0329

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.

Recommended Dilutions

ELISA
Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID
925

Swiss Prot
P01732

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
CD8; p32; Leu2; CD8alpha; CD8A

Contact

Product Information

order@abclonal.com
service@abclonal.com
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Source
Rabbit

Isotype
IgG

Purification
Affinity purification

Storage
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

For research use only. Not for therapeutic or diagnostic purposes.

Please visit **https://abclonal.com** for a complete list of recommended products.