

CD8A Rabbit mAb

Catalog No.: A0663 **Recombinant**

Basic Information

Catalog No.

A0663

Observed MW

35KDa

Calculated MW

32kDa

Category

Primary antibody

Applications

WB, IHC

Cross-Reactivity

Human

Recommended Dilutions

WB	1:500 - 1:2000
IHC	1:50 - 1:200

Contact

 | www.abclonal.com

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. [provided by RefSeq, Nov 2011]

Immunogen Information

Gene ID	Swiss Prot
925	P01732

Immunogen

A synthesized peptide derived from human CD8A

Synonyms

CD8; Leu2; MAL; p32

Product Information

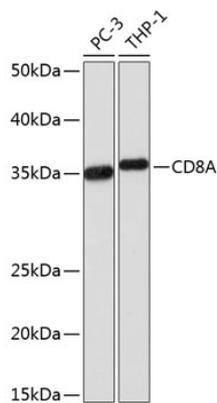
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

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

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using CD8A Rabbit mAb (A0663) at 1: 1000 dilution.

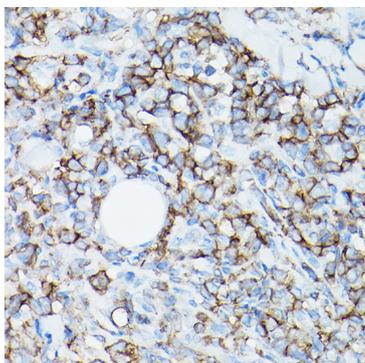
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

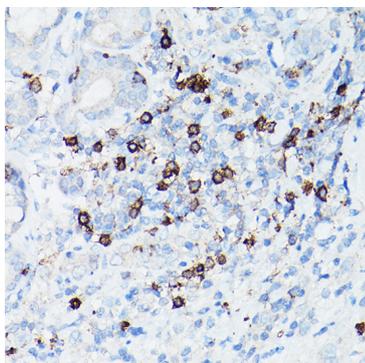
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

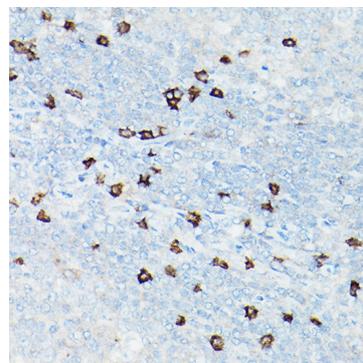
Exposure time: 3min.



Immunohistochemistry of paraffin-embedded Human intestinal T-cell lymphoma using CD8A Rabbit mAb (A0663) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded Human T-cell malignant lymphoma using CD8A Rabbit mAb (A0663) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human tonsil using CD8A Rabbit mAb (A0663) at dilution of 1:100 (40x lens).