

# CD8A Rabbit PolymAb®

**Catalog No.: A23305**

## Basic Information

### Observed MW

40kDa

### Calculated MW

21kDa/25kDa/30kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse

### CloneNo number

ARC59319\_ARC55249

## 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.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**IHC-P** 1:500 - 1:1000

## Immunogen Information

### Gene ID

925/12525

### Swiss Prot

P01732/P01731

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 22-182 of human CD8A ( NP\_001759.3).

### Synonyms

CD8A; CD8; Leu2; MAL; p32

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

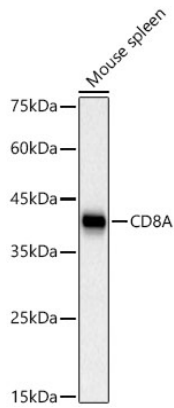
Affinity purification

### Storage

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

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of lysates from Mouse spleen, using CD8A Rabbit PolymAb® (A23305) at 1:1000 dilution.

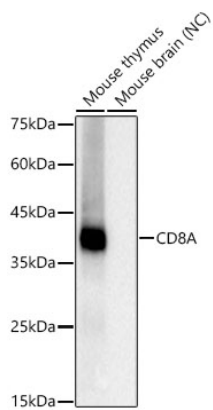
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 20s.



Western blot analysis of various lysates, using CD8A Rabbit PolymAb® (A23305) at 1:1000 dilution.

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

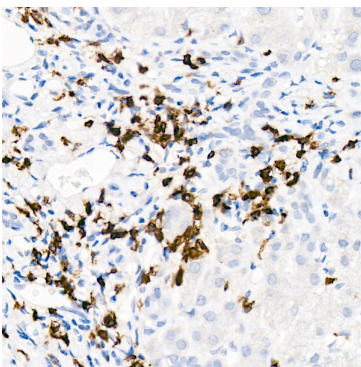
Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

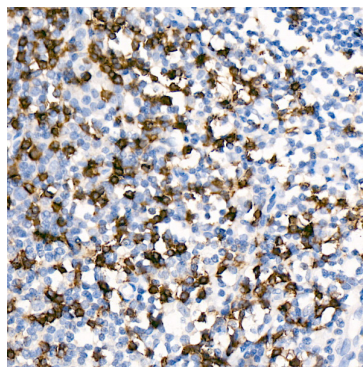
Detection: ECL Basic Kit (RM00020).

Negative control (NC): Mouse brain

Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded human liver cancer using CD8A Rabbit PolymAb® (A23305) at dilution of 1:800 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded human tonsil using CD8A Rabbit PolymAb® (A23305) at dilution of 1:800 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.