

# CD7 Rabbit mAb

Catalog No.: A9560 **Recombinant**

## Basic Information

### Observed MW

37kDa

### Calculated MW

25kDa

### Category

Primary antibody

### Applications

WB, IHC-P, ELISA

### Cross-Reactivity

Human

### CloneNo number

ARC1634

## Background

This gene encodes a transmembrane protein which is a member of the immunoglobulin superfamily. This protein is found on thymocytes and mature T cells. It plays an essential role in T-cell interactions and also in T-cell/B-cell interaction during early lymphoid development.

## Recommended Dilutions

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

**IHC-P** 1:2000 - 1:10000

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

## Immunogen Information

### Gene ID

924

### Swiss Prot

P09564

### Immunogen

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

### Synonyms

GP40; TP41; Tp40; LEU-9; CD7

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

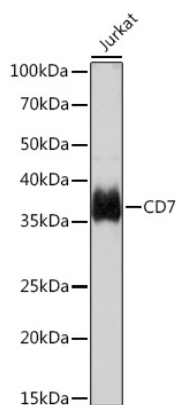
Affinity purification

### Storage

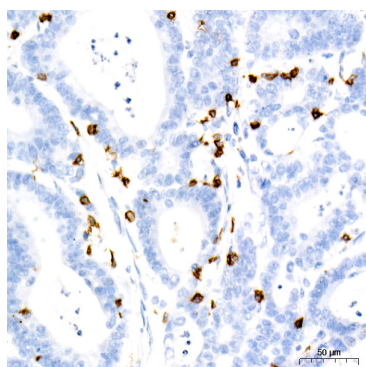
Store at -20°C. Avoid freeze / thaw cycles.

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

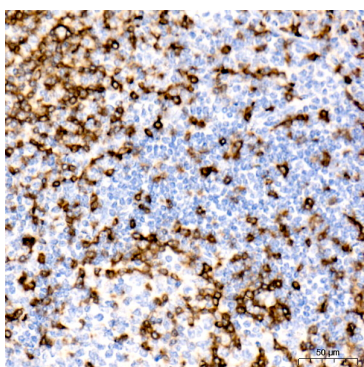
## Validation Data



Western blot analysis of lysates from Jurkat cells, using CD7 Rabbit mAb (A9560) at 1:1000 dilution.  
Secondary antibody: HRP-conjugated 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: 30s.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using CD7 Rabbit mAb (A9560) at dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human tonsil using CD7 Rabbit mAb (A9560) at dilution of 1:10000 (40x lens). High pressure antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.