

**CD7 Antibody (N-term) (Ascites)**  
**Mouse Monoclonal Antibody (Mab)**  
**Catalog # AM1974A****Specification**

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**CD7 Antibody (N-term) (Ascites) - Product Information**

|                   |                             |
|-------------------|-----------------------------|
| Application       | WB,E                        |
| Primary Accession | <a href="#">P09564</a>      |
| Other Accession   | <a href="#">NP_006128.1</a> |
| Reactivity        | Human                       |
| Host              | Mouse                       |
| Clonality         | Monoclonal                  |
| Isotype           | IgM                         |
| Calculated MW     | 25409                       |
| Antigen Region    | 34-61                       |

**CD7 Antibody (N-term) (Ascites) - Additional Information****Gene ID** 924**Other Names**

T-cell antigen CD7, GP40, T-cell leukemia antigen, T-cell surface antigen Leu-9, TP41, CD7, CD7

**Target/Specificity**

This CD7 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 34-61 amino acids from the N-terminal region of human CD7.

**Dilution**

WB~~1:500~8000

**Format**

Mouse monoclonal antibody supplied in crude ascites with 0.09% (W/V) sodium azide.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

CD7 Antibody (N-term) (Ascites) is for research use only and not for use in diagnostic or therapeutic procedures.

**CD7 Antibody (N-term) (Ascites) - Protein Information****Name** CD7**Function** Not yet known.**Cellular Location**

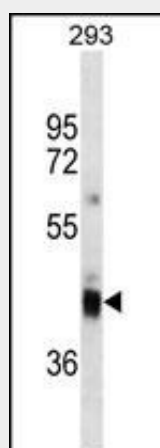
Membrane; Single-pass type I membrane protein.

### **CD7 Antibody (N-term) (Ascites) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **CD7 Antibody (N-term) (Ascites) - Images**



CD7 antibody (N-term) (Cat. #AM1974a) western blot analysis in 293 cell line lysates (35µg/lane). This demonstrates the CD7 antibody detected the CD7 protein (arrow).

### **CD7 Antibody (N-term) (Ascites) - 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.

### **CD7 Antibody (N-term) (Ascites) - References**

Rohrs, S., et al. J Hematol Oncol 3, 15 (2010) :  
Rogers, S.L., et al. Mol. Cancer 9, 41 (2010) :  
Koh, H.S., et al. Mol. Cells 28(6):553-558(2009)  
Yoo, E.H., et al. Korean J Lab Med 29(6):491-496(2009)  
SundarRaj, S., et al. Mol. Immunol. 46(16):3411-3419(2009)