

CD7 Antibody
Rabbit mAb
Catalog # AP91619

Specification

CD7 Antibody - Product Information

Application	WB, IHC, ICC, IP
Primary Accession	P09564
Clonality	Monoclonal
Other Names	
CD7; GP40; LEU9; Tp40; TP41;	

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	25409 Da

CD7 Antibody - Additional Information

Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human CD7
Description	Not yet known.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

CD7 Antibody - Protein Information

Name CD7

Function

Transmembrane glycoprotein expressed by T-cells and natural killer (NK) cells and their precursors (PubMed:[7506726](http://www.uniprot.org/citations/7506726)). Plays a costimulatory role in T-cell activation upon binding to its ligand K12/SECTM1 (PubMed:[10652336](http://www.uniprot.org/citations/10652336)). In turn, mediates the production of cytokines such as IL-2 (PubMed:[1709867](http://www.uniprot.org/citations/1709867)). On resting NK-cells, CD7 activation results in a significant induction of interferon-gamma levels (PubMed:[7506726](http://www.uniprot.org/citations/7506726)).

Cellular Location

Membrane; Single-pass type I membrane protein.

Tissue Location

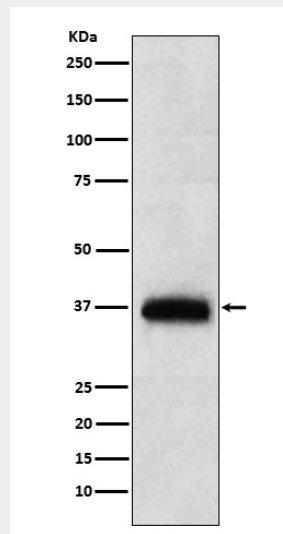
Expressed on T-cells and natural killer (NK) cells and their precursors.

CD7 Antibody - 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 - Images



Western blot analysis of CD7 expression in human PBMC lysate.