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CD7 Antibody

Rabbit mAb
Catalog # AP91619

Product Information

Application	WB, IHC, IF, ICC, IP, IHF
Primary Accession	P09564
Reactivity	Human
Clonality	Monoclonal
Other Names	CD7; GP40; LEU9; Tp40; TP41;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	25409

Additional Information

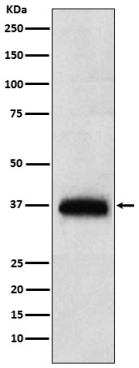
Dilution	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 IP 1:50
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human CD7
Description	Not yet known.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Name	CD7
Function	Transmembrane glycoprotein expressed by T-cells and natural killer (NK) cells and their precursors (PubMed:7506726). Plays a costimulatory role in T-cell activation upon binding to its ligand K12/SECTM1 (PubMed:10652336). In turn, mediates the production of cytokines such as IL-2 (PubMed:1709867). On resting NK-cells, CD7 activation results in a significant induction of interferon-gamma levels (PubMed:7506726).
Cellular Location	Membrane; Single-pass type I membrane protein.
Tissue Location	Expressed on T-cells and natural killer (NK) cells and their precursors.

Images

Western blot analysis of CD7 expression in human PBMC lysate.



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