

CD7 Antibody (clone MEM-186)
Mouse Monoclonal Antibody
Catalog # ALS11970

Specification

CD7 Antibody (clone MEM-186) - Product Information

Application	IHC
Primary Accession	P09564
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	25kDa KDa

CD7 Antibody (clone MEM-186) - 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

Human acute myelogenous leukaemia cell line KG-1

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

CD7 Antibody (clone MEM-186) is for research use only and not for use in diagnostic or therapeutic procedures.

CD7 Antibody (clone MEM-186) - 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

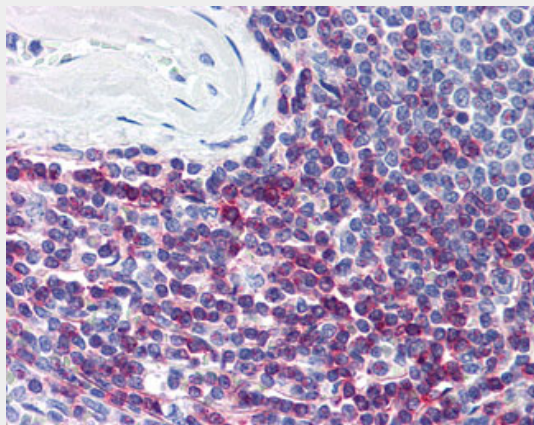
Expressed on T-cells and natural killer (NK) cells and their precursors.

CD7 Antibody (clone MEM-186) - 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 (clone MEM-186) - Images



Anti-CD7 antibody IHC of human spleen.

CD7 Antibody (clone MEM-186) - Background

Not yet known.

CD7 Antibody (clone MEM-186) - References

- Aruffo A., et al. EMBO J. 6:3313-3316(1987).
Schanberg L.E., et al. Proc. Natl. Acad. Sci. U.S.A. 88:603-607(1991).
Kalnina N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.
Yoshikawa K., et al. Immunogenetics 33:352-360(1991).
Ware R.E., et al. J. Immunol. 143:3632-3640(1989).