

CD7
Rabbit Monoclonal antibody(Mab)
Catalog # AD80556

Specification

CD7 - Product info

Application	IHC-P
Primary Accession	P09564
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal
Calculated MW	25409

CD7 - Additional info

Gene ID 924

Other Names

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

Dilution

IHC-P~~Ready-to-use

Storage

Maintain refrigerated at 2-8°C

CD7 - 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

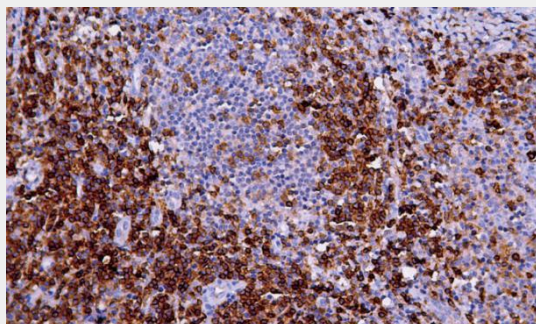
Expressed on T-cells and natural killer (NK) cells and their precursors.

CD7 - 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 - Images



Tonsil