

**Anti-CD7 Reference Antibody (Persongen patent anti-CD7)
Recombinant Antibody
Catalog # APR10817**

Specification

Anti-CD7 Reference Antibody (Persongen patent anti-CD7) - Product Information

Application	FC, E, FTA
Primary Accession	P09564
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	150 KDa

Anti-CD7 Reference Antibody (Persongen patent anti-CD7) - Additional Information

Target/Specificity
CD7

Endotoxin
< 0.001EU/ µg,determined by LAL method.

Conjugation
Unconjugated

Expression system
CHO Cell

Format
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Anti-CD7 Reference Antibody (Persongen patent anti-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

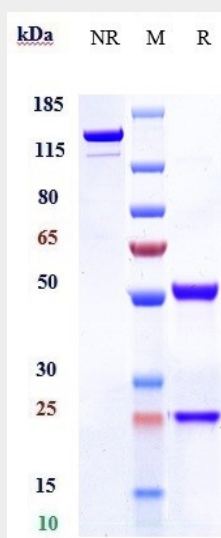
Expressed on T-cells and natural killer (NK) cells and their precursors.

Anti-CD7 Reference Antibody (Persongen patent anti-CD7) - Protocols

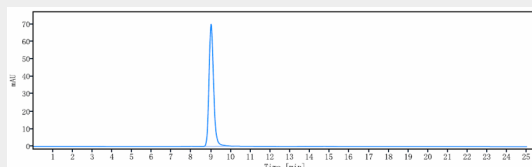
Provided below are standard protocols that you may find useful for product applications.

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

Anti-CD7 Reference Antibody (Persongen patent anti-CD7) - Images



Anti-CD7 Reference Antibody (Persongen patent anti-CD7) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-CD7 Reference Antibody (Persongen patent anti-CD7) is more than 95%, determined by SEC-HPLC.