

**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, Kinetics, Animal Model
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.

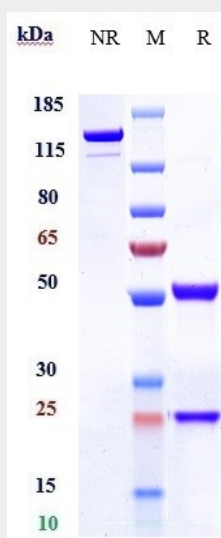
Tissue Location

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

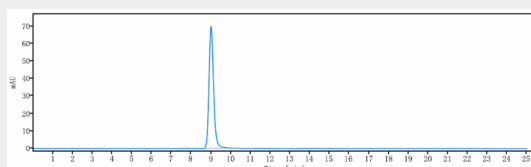
Anti-CD7 Reference Antibody (Persongen patent anti-CD7) - Protocols

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.