

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

Recombinant Antibody
Catalog # APR10817

Product Information

Application	FC, Kinetics, Animal Model
Primary Accession	P09564
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	25409

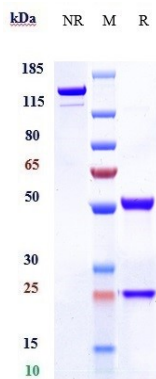
Additional Information

Target/Specificity	CD7
Endotoxin 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.

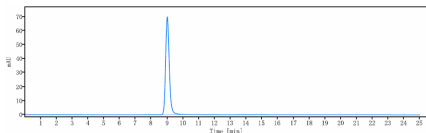
Protein Information

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



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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.