

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

Recombinant Antibody  
Catalog # APR10817

## Product Information

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<b>Application</b>	FC, Kinetics, Animal Model
<b>Primary Accession</b>	<a href="#">P09564</a>
<b>Reactivity</b>	Human
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Calculated MW</b>	25409

## Additional Information

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<b>Target/Specificity</b>	CD7
<b>Endotoxin Conjugation</b>	Unconjugated
<b>Expression system</b>	CHO Cell
<b>Format</b>	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative. This antibody is purified through a protein A column.

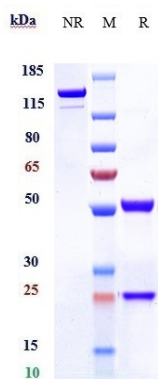
## Protein Information

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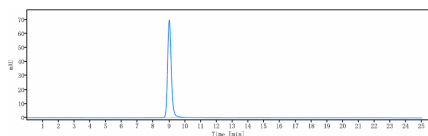
<b>Name</b>	CD7
<b>Function</b>	Transmembrane glycoprotein expressed by T-cells and natural killer (NK) cells and their precursors (PubMed: <a href="#">7506726</a> ). Plays a costimulatory role in T-cell activation upon binding to its ligand K12/SECTM1 (PubMed: <a href="#">10652336</a> ). In turn, mediates the production of cytokines such as IL-2 (PubMed: <a href="#">1709867</a> ). On resting NK-cells, CD7 activation results in a significant induction of interferon-gamma levels (PubMed: <a href="#">7506726</a> ).
<b>Cellular Location</b>	Membrane; Single-pass type I membrane protein.
<b>Tissue Location</b>	Expressed on T-cells and natural killer (NK) cells and their precursors.

## Images

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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'.