Anti-CD7 Reference Antibody (grisnilimAb)
Recombinant Antibody
Catalog # APR10551

Specification

Anti-CD7 Reference Antibody (grisnilimAb) - Product Information

Application	**FC, E, FTA**
Primary Accession	P09564
Reactivity	**Human**
Clonality	**Monoclonal**
Isotype	**IgG2SA**
Calculated MW	**144.72 KDa**

Anti-CD7 Reference Antibody (grisnilimAb) - 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 (grisnilimAb) - 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 (grisnilimAb) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-CD7 Reference Antibody (grisnilimAb) - Images
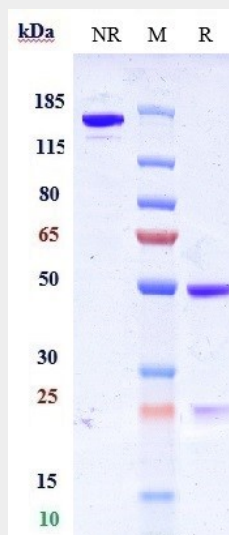
 Anti-CD7 Reference Antibody (grisnilimAb) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%
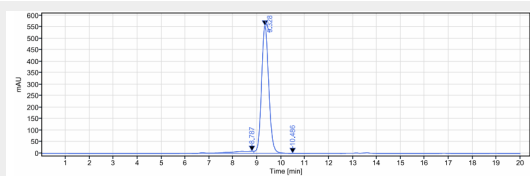
 The purity of Anti-CD7 Reference Antibody (grisnilimAb)is more than 94.62% ,determined by SEC-HPLC.