SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-CD7 antibody

Catalog Number: SL1520R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	CD7
Immunogen:	KLH conjugated synthetic peptide derived from human CD7: 181-240/240
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human,Mouse
Predicted MW.:	24kDa
Subcellular Location:	The cell membrane
Background:	This gene encodes a transmembrane protein which is a member of the immunoglobulin superfamily. This protein is found on thymocytes and mature T cells. It plays an essential role in T-cell interactions and also in T-cell/B-cell interaction during early lymphoid development. [provided by RefSeq, Jul 2008] **Function:** Not yet known. **Subunit:** Interacts with SECTM1. **Subcellular Location:** Membrane; Single-pass type I membrane protein. **Similarity:** Contains 1 Ig-like (immunoglobulin-like) domain. **Database links:** **Entrez Gene:** 924 Human **Entrez Gene:** 12516 Mouse Omim: 186820 Human **SwissProt:** P09564 Human **SwissProt:** P50283 Mouse

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Unigene: 36972 Human **Unigene:** 4100 Mouse CD7 is a 40 kDa glycoprotein that is a member of the Ig supergene family and is expressed in the vast majority of mature and immature T cells and T-cell leukemias, but is also expressed in NK cells, a small subset of normal B cells, and malignant B cells. If antibodies to other T-cell markers are ineffective, CD7 can be used to identify primitive T-cell tumors such as lymphoblastic leukemia.

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