

## CD81 Antibody

Catalog No: #24904

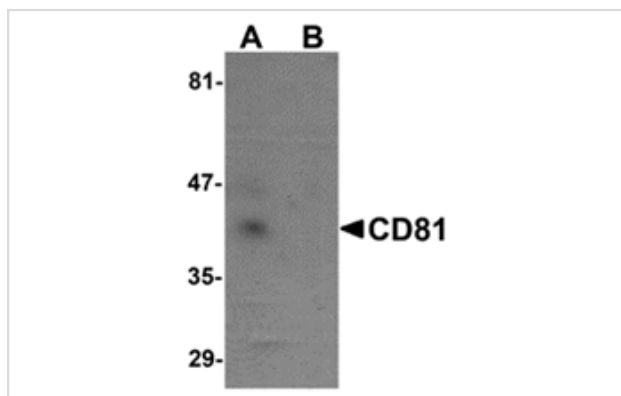
Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

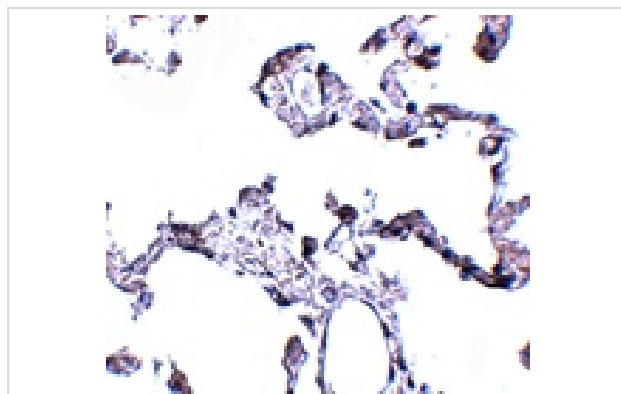
## Description

Product Name	CD81 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide
Immunogen Description	Raised against a 20 amino acid peptide near the amino terminus of human CD81.
Target Name	CD81
Other Names	S5.7, TAPA1, TSPAN28
Accession No.	Swiss-Prot:P60033Gene ID:975
Uniprot	P60033
GeneID	975;
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

## Images



Western blot analysis of CD81 in human lung tissue lysate with CD81 antibody at 1 ug/mL in (A) the absence and (B) the presence of blocking peptide.



Immunohistochemistry of CD81 in human lung tissue with CD81 antibody at 5 ug/mL.

## Background

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CD81 is a member of the transmembrane 4 superfamily, also known as the tetraspanin family, a group of cell-surface proteins that are characterized by the presence of four hydrophobic domains and mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. CD81 is a cell surface glycoprotein that associates with integrins and appears to promote muscle cell fusion and support myotube maintenance. Along with SCARB1, LDL-R, and CLDN1, CD81 has been reported to be an entry factor for the Hepatitis C virus. Finally, recent evidence indicates that the CD81 gene is localized in a tumor-suppressor gene region and is thus a candidate gene for malignancies.

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Note: This product is for in vitro research use only