

Rabbit CD81 Polyclonal Antibody | anti-CD81 antibody

CD81 Antibody - C-terminal region

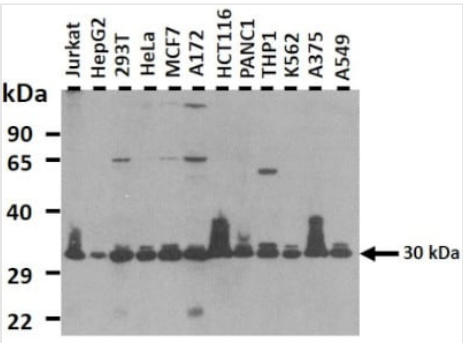
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201172	Rabbit	Tested Reactivity: Human Predicted Reactivity: Human, Cow, Dog, Goat, Horse, Pig, Sheep	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

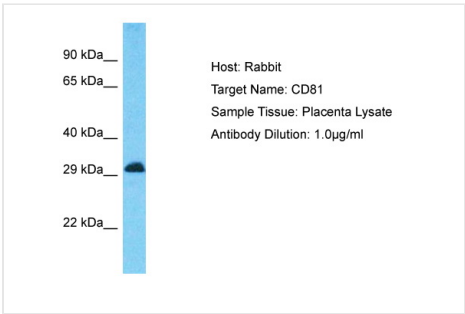
CD81; Polyclonal Antibody; CD81 Antibody - C-terminal region; anti-CD81 antibody

PRODUCT SPECIFICATIONS

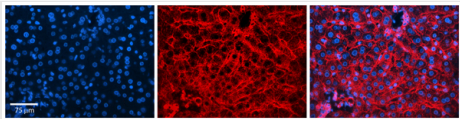
Host	Rabbit
Reactivity	Tested Reactivity: Human Predicted Reactivity: Human, Cow, Dog, Goat, Horse, Pig, Sheep
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/mL (varies by lot)
Sequence	Synthetic peptide with the following sequence: LK NNLCPSGSNI ISNLFKEDCH QKIDDLFSGK LYLIGIAIV VAVIMIFE
Sequence Length	274
Applicable Applications for anti-CD81 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 83%; Dog: 93%; Goat: 83%; Horse: 75%; Human: 100%; Pig: 86%; Sheep: 92%
Immunogen	The immunogen is a synthetic peptide directed towards the C-terminal region of human CD81
Blocking Peptide	For anti-CD81 antibody is ().
Protein Size (#AA)	274 amino acids
Enhanced Validation	WB Y SPY YCHAROS
Replacement Item	This antibody may replace item sc-126607 from Santa Cruz Biotechnology.
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
25 ug of the indicated Human whole cell extracts was loaded onto a 12% SDS-PAGE gel. 3 ug/mL of the antibody was used in this experiment. Recommended dilution for antibody is 1-3 ug/mL.



WB (Western Blot)
Host: RabbitTarget Name: CD81Sample Type: Placenta lysatesAntibody Dilution: 1.0ug/ml



IHC (Immunohistochemistry)
Rabbit Anti-CD81 AntibodyFormalin Fixed Paraffin Embedded Tissue: Human Liver
TissueObserved Staining: Cytoplasm and plasma membrane in hepatocytes and endothelial cells in sinusoidsPrimary Antibody Concentration: 1:100Other Working Concentrations: 1:600Secondary Antibody: Donkey anti-Rabbit-Cy3Secondary Antibody Concentration: 1:200Magnification: 20XExposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-CD81 antibody	Target Description: The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins. This protein appears to promote muscle cell fusion and support myotube maintenance. Also it may be involved in signal transduction. This gene is localized in the tumor-suppressor gene region and thus it is a candidate gene for malignancies. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-CD81 antibody	Polyclonal; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	663071018
NCBI GeneID	975
NCBI Accession #	NP_001284578.1
NCBI GenBank Nucleotide #	NM_001297649.1
UniProt Accession #	P60033
Molecular Weight	30kDa
NCBI Official Full Name	CD81 antigen isoform 2
NCBI Official Synonym Full Names	CD81 molecule
NCBI Official Symbol	CD81
NCBI Official Synonym Symbols	S5.7; CVID6; TAPA1; TSPAN28
NCBI Protein Information	CD81 antigen

UniProt Protein Name	CD81 antigen
UniProt Gene Name	CD81
UniProt Synonym Gene Names	TAPA1; TSPAN28; Tspan-28

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/cd81-antibody-immunohistochemistry-western-blot-elisa/201172>