

Rabbit anti-Human, mouse CD81 Polyclonal Antibody | anti-CD81 antibody

CD81 Antibody (C-term)

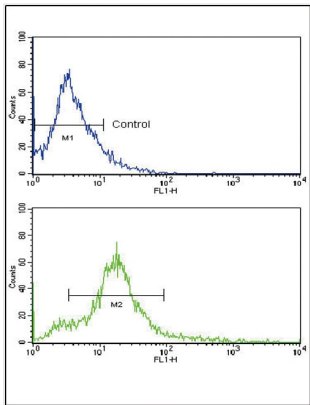
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286623	Rabbit	Human, mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

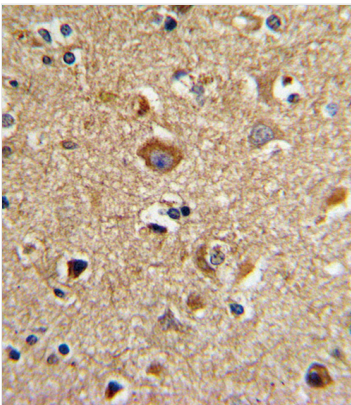
CD81; Polyclonal Antibody; CD81 Antibody (C-term); CD81 antigen; 26 kDa cell surface protein TAPA-1; Target of the antiproliferative antibody 1; Tetraspanin-28; Tspan-28; TAPA1; TSPAN28; anti-CD81 antibody

PRODUCT SPECIFICATIONS

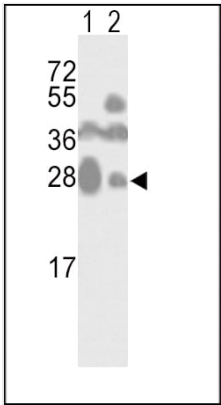
Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This CD81 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 176-203 amino acids from the C-terminal region of human CD81.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	176-203
Sequence Length	236
Applicable Applications for anti-CD81 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of 293 cells using CD81 Antibody (C-term) (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human brain tissue with CD81 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of CD81 Antibody (C-term) in mouse kidney(lane 1) and cerebellum(lane 2) tissue lysates (35ug/lane). CD81 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-CD81 antibody	CD81 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 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.
Product Categories/Family for anti-CD81 antibody	Immunology; Microbiology
References	Weng,J., J. Virol. 83 (15), 7467-7474 (2009) Rocha-Perugini,V., BMC Microbiol. 9, 111 (2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757944
NCBI GeneID	975
NCBI Accession #	NP_004347.1
NCBI GenBank Nucleotide #	NM_004356.3
UniProt Accession #	P60033; P18582; Q5U0J6

Molecular Weight	25809
NCBI Official Full Name	CD81 antigen isoform 1
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
UniProt Entry Name	CD81_HUMAN

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://stage.aaabiotech.com/polyclonal/cd81-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/286623>