

Mouse anti-Human CD81 Monoclonal Antibody | anti-CD81 antibody

CD81 Antibody

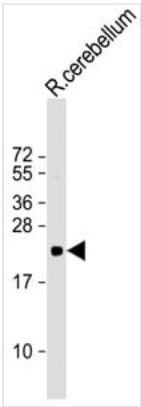
CATALOG # AAA290651	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

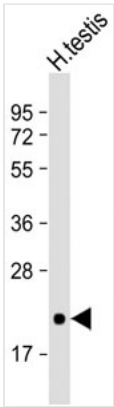
CD81; Monoclonal Antibody; CD81 Antibody; CD81 antigen; 26 kDa cell surface protein TAPA-1; Target of the antiproliferative antibody 1; Tetraspanin-28; Tspan-28; TAPA1; TSPAN28; anti-CD81 antibody

PRODUCT SPECIFICATIONS

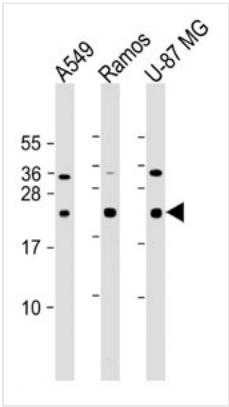
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Specificity	This CD81 antibody is generated from a mouse immunized with recombinant protein from the human region of human CD81.
Form/Format	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Sequence Length	165
Applicable Applications for anti-CD81 antibody	ELISA, WB (Western Blot)
Subtitle	Purified Mouse Monoclonal Antibody (Mab)
Cellular Location	Membrane; Multi-pass membrane protein.
Clone Names	1668CT270.93.9
Tissue Location	Hematolymphoid, neuroectodermal and mesenchymal tumor cell lines.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



WB (Western Blot)
Anti-CD81 Antibody at 1:4000 dilution + rat cerebellum whole cell lysateLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 26 kDaBlocking/Dilution buffer: 5% NFD/MTBST.



WB (Western Blot)
Anti-CD81 Antibody at 1:4000 dilution + human testis whole cell lysateLysates/proteins at 20 ug per lane.SecondaryGoat Anti-Mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 26 kDaBlocking/Dilution buffer: 5% NFD/MTBST.



Application Data
All lanes:Anti-CD81 Antibody at 1:2000 dilutionLane 1: A549 whole cell lysateLane 2: Ramos whole cell lysateLane 3: U-87 MG whole cell lysate Lysates/proteins at 20 ?g per lane.Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 26 kDaBlocking/Dilution buffer: 5% NFD/MTBST.

ADDITIONAL INFORMATION

Related Product Information for anti-CD81 antibody	May play an important role in the regulation of lymphoma cell growth. Interacts with a 16-kDa Leu-13 protein to form a complex possibly involved in signal transduction. May act as the viral receptor for HCV.
Product Categories/Family for anti-CD81 antibody	Crown Antibodies; Primary Antibodies; Immunology; Microbiology
References	Oren R.,et al.Mol. Cell. Biol. 10:4007-4015 (1990). Kalnine N.,et al.Submitted (OCT-2004) to the EMBL/GenBank/DDBJ databases. Livingston R.J.,et al.Submitted (OCT-2006) to the EMBL/GenBank/DDBJ databases. Taylor T.D.,et al.Nature 440:497-500 (2006). Takahashi S.,et al.J. Immunol. 145:2207-2213 (1990).

NCBI AND UNIPROT INFORMATION

NCBI GI #	663071018
NCBI GeneID	975
NCBI Accession #	NP_001284578.1
NCBI GenBank Nucleotide #	NM_001297649.1
UniProt Accession #	P60033; P18582; Q5U0J6

Molecular Weight	25809
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
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://www.aaabiotech.com/monoclonal/cd81-antibody-western-blot-elisa/290651>