

anti-Mouse CD81/TAPA-1 Monoclonal Antibody | anti-CD81 antibody

Hamster Anti-Mouse CD81-LE/AF

CATALOG # AAA78684	HOST Armenian Hamster	REACTIVITY Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD81/TAPA-1; Monoclonal Antibody; Hamster Anti-Mouse CD81-LE/AF; Hamster Anti-Mouse CD81 - Low Endotoxin/Azide-Free; Hamster Anti-Mouse CD81/TAPA-1; anti-CD81 antibody

PRODUCT SPECIFICATIONS

Host	Armenian Hamster
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Hamster (Armenian) IgG ₃
Clone Number	2F7
Specificity	Mouse CD81; Mr 26 kDa
Form/Format	The low endotoxin, azide-free (LE/AF) antibody is supplied as 0.5 mg purified immunoglobulin in 1.0 mL of PBS. Contains no preservative; handle under aseptic conditions.
Sequence Length	236
Applicable Applications for anti-CD81 antibody	FCM/FACS (Flow Cytometry)
Immunogen	Mouse epithelial cell line PAM212
Preparation and Storage	Store at 2-8°C or aliquot into smaller volumes and store at -20°C. Avoid multiple freeze / thaw cycles

ADDITIONAL INFORMATION

Related Product Information for anti-CD81 antibody	Description: CD81, also known as TAPA-1, is an integral membrane protein expressed on a variety of cell types and has a high degree of sequence homology between human and mouse. CD81 is expressed on thymic stromal cells where it plays an important role in the transition of ??+ T cells to more mature T cells with ?? T cell receptors. Immunohistochemical staining has revealed that its expression is localized to the subcapsular region of the thymus and, specifically, on cells that have distinct clustering patterns. It has been speculated that the ligand for CD81 is the pre-T cell receptor which is composed of a TCR ? chain and glycoprotein pT?. The monoclonal antibody 2F7 can block thymocyte interaction with CD81 in vitro.
References	1. Andria, M.L., et al. 1991. J. Immunol. 147:1030. 2. Boismenu, R., M. Rhein, W.H. Fischer, and W.L. Harven. 1996. Science 271:198.

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 ; Q59FS9
NCBI Official Full Name	CD81 antigen
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; tspan-28; tetraspanin-28; OTTHUMP00000011528; OTTHUMP00000011529; OTTHUMP00000229004; OTTHUMP00000229005; OTTHUMP00000229006; OTTHUMP00000229008; OTTHUMP00000229358; OTTHUMP00000229392; 26 kDa cell surface protein TAPA-1; CD81 antigen (target of antiproliferative antibody 1)
UniProt Protein Name	CD81 antigen
UniProt Gene Name	CD81
UniProt Synonym Gene Names	TAPA1; TSPAN28
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/monoclonal/cd81-tapa-1-antibody-clone-2f7-flow-cytometry-elisa/78684>