

Mouse CD81 Monoclonal Antibody | anti-CD81 antibody

Mouse Anti Human CD81: RPE

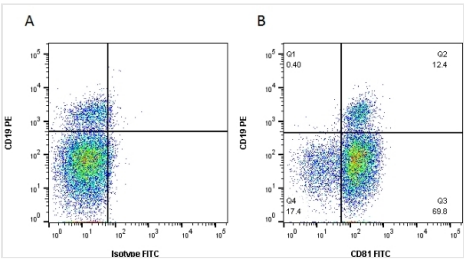
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50333	Mouse	Human, Chimpanzee, Sheep, Goat	Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD81; Monoclonal Antibody; Mouse Anti Human CD81: RPE; CD81 antibody (1D6); Mouse anti Human CD81; anti-CD81 antibody

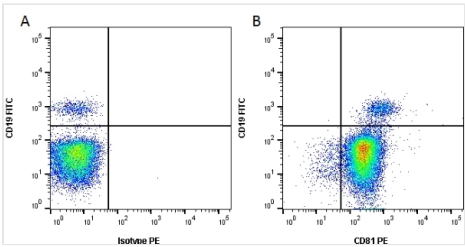
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Chimpanzee, Sheep, Goat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1D6
Purity/Purification	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant
Form/Format	Liquid; Phosphate Buffered Saline
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	236
Applicable Applications for anti-CD81 antibody	FCM/FACS (Flow Cytometry)
Immunogen	OCI-LY8 cells aggregated by 5A6 (another CD81 antibody)
Conjugation	RPE
Carrier Free	Yes
Fusion Partners	Spleen cells from immunised BALB/c mice were fused with cells of the mouse PX3-Ag.8.653 myeloma cell line.
Preservative Stabilizers	0.09% Sodium Azide
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.



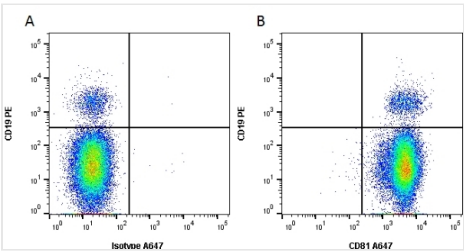
Application Data

Figure A. RPE conjugated Mouse anti Human CD19 and FITC conjugated Mouse IgG1 isotype control . Figure B. RPE conjugated Mouse anti Human CD19 and FITC conjugated Mouse anti Human CD81 . All experiments performed on red cell lysed human blood gated on lymphocytes in the presence of Human Seroblock (BUF070A). Data acquired on the ZE5 Cell Analyzer.



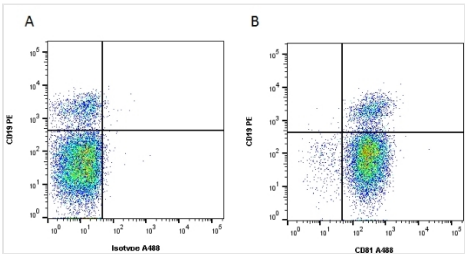
Application Data

Figure A. FITC conjugated Mouse anti Human CD19 and RPE conjugated Mouse IgG1 isotype control . Figure B. FITC conjugated Mouse anti Human CD19 and RPE conjugated Mouse anti Human CD81 . All experiments performed on red cell lysed human blood gated on lymphocytes in the presence of Human Seroblock (BUF070A). Data acquired on the ZE5 cell analyzer.



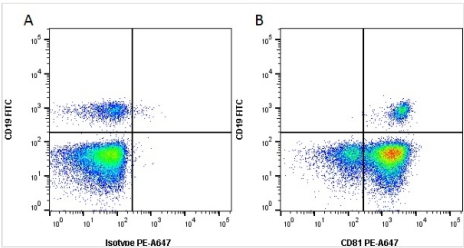
Application Data

Figure A. RPE conjugated Mouse anti Human CD19 and Alexa Fluor 647 conjugated Mouse IgG1 isotype control . Figure B. RPE conjugated Mouse anti Human CD19 and Alexa Fluor 647 conjugated Mouse anti Human CD81 . All experiments performed on red cell lysed human blood gated on lymphocytes in the presence of Human Seroblock (BUF070A). Data acquired on the ZE5 cell analyzer.



Application Data

Figure A. RPE conjugated Mouse anti Human CD19 and Alexa Fluor 488 conjugated Mouse IgG1 isotype control . Figure B. RPE conjugated Mouse anti Human CD19 and Alexa Fluor 488 conjugated Mouse anti Human CD81 . All experiments performed on red cell lysed human blood gated on lymphocytes in the presence of Human Seroblock (BUF070A). Data acquired on the ZE5 cell analyzer.



Application Data

Figure A. FITC conjugated Mouse anti Human CD19 and RPE-Alexa Fluor 647 conjugated Mouse IgG1 isotype control . Figure B. FITC conjugated Mouse anti Human CD19 and RPE-Alexa Fluor 647 conjugated Mouse anti Human CD81 . All experiments performed on red cell lysed human blood gated on lymphocytes in the presence of 10% human serum. Data acquired on the ZE5 Cell Analyzer.

ADDITIONAL INFORMATION

Related Product Information for anti-CD81 antibody	Mouse anti Human CD81 antibody, clone 1D6 recognizes human CD81, a 26 kDa cell surface antigen also known as TAPA-1, and a member of the tetraspanin family. CD81 is widely expressed on human leucocytes and appears to be involved in a variety of cellular leucocytes including activation, proliferation and differentiation. Mouse anti Human CD81 antibody, clone 1D6 is a potent CD81 reagent, induces homotypic adhesion and has powerful anti-proliferative effects.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38503376
NCBI GeneID	975
UniProt Accession #	P60033

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
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/monoclonal/cd81-antibody-clone-1d6-flow-cytometry-elisa/50333>