

Mouse CD49f Monoclonal Antibody | anti-CD49f antibody

MOUSE ANTI HUMAN CD49f:FITC

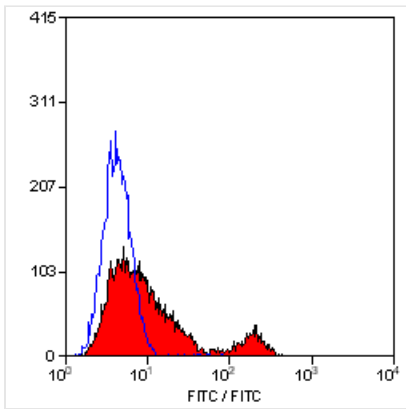
CATALOG # AAA49056	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

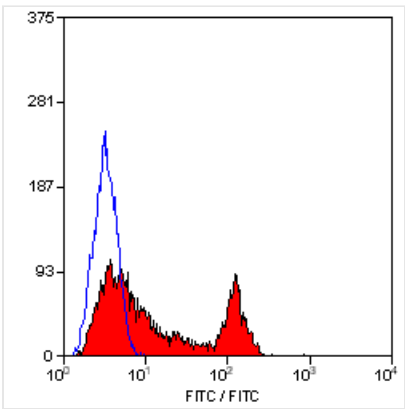
CD49f; Monoclonal Antibody; MOUSE ANTI HUMAN CD49f:FITC; anti-CD49f antibody

PRODUCT SPECIFICATIONS

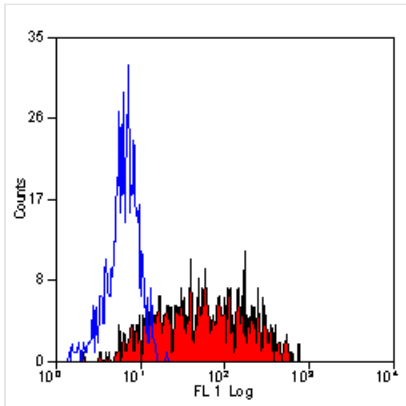
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	450-30A
Form/Format	FITC Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid
Concentration	IgG concentration 0.1 mg/ml (varies by lot)
Sequence Length	1073
Applicable Applications for anti-CD49f antibody	FCM/FACS (Flow Cytometry)
Perservative Stabilisers	0.09% Sodium Azide 1% Bovine Serum Albumin Preparation
Immunogen	alpha 6 beta 4 integrin purified from A431 cells Fusion Partners
Target Species	Human
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. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.



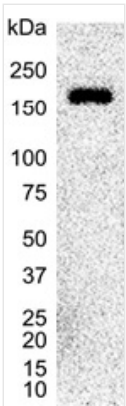
Application Data
Staining of human peripheral blood lymphocytes with Mouse anti Human CD49f



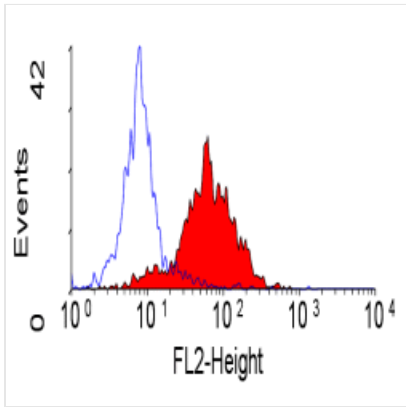
Application Data
Staining of human peripheral blood lymphocytes with Mouse anti Human CD49f:FITC



Application Data
Staining of human peripheral blood monocytes with Mouse anti Human CD49f



Application Data
Western blot analysis of Jurkat whole cell lysate probed with Mouse anti Human CD49f antibody followed by HRP conjugated Goat anti Human IgG, visualized using chemiluminescence



Application Data
Staining of human peripheral blood monocytes with Mouse anti Human CD49f:RPE

ADDITIONAL INFORMATION

Related Product Information for anti-CD49f antibody

Mouse anti Human CD49f antibody, clone 450-30A recognizes the human VLA-6 cell surface antigen, also known as the alpha 6 integrin and as CD49f. CD49f is expressed by platelets, weakly by monocytes and by a subset of lymphocytes. CD49f is also widely expressed on epithelial tissues.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119395742
NCBI GeneID	3655
NCBI Accession #	NP_000201.2
NCBI GenBank Nucleotide #	NM_000210.2
UniProt Accession #	P23229; Q08443; Q0MRC7; Q14646; Q16508; Q53RX7; Q59HB7; B2RMU9; B4DG69; B4DKB8; C4AM96; G5E9H1
Molecular Weight	122,358 Da
NCBI Official Full Name	integrin alpha-6 isoform b
NCBI Official Synonym Full Names	integrin, alpha 6
NCBI Official Symbol	ITGA6
NCBI Official Synonym Symbols	CD49f; VLA-6; ITGA6B
NCBI Protein Information	integrin alpha-6; CD49 antigen-like family member F; integrin alpha6B
UniProt Protein Name	Integrin alpha-6
UniProt Gene Name	ITGA6
UniProt Synonym Gene Names	Alpha6p
UniProt Entry Name	ITA6_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/cd49f-antibody-clone-450-30a-flow-cytometry-elisa/49056>