Hamster CD61 Monoclonal Antibody | anti-CD61 antibody

HAMSTER ANTI MOUSE CD61:FITC

CATALOG #	HOST	APPLICATIONS
AAA11873	**Hamster**	**Flow Cytometry, Functional Assay**

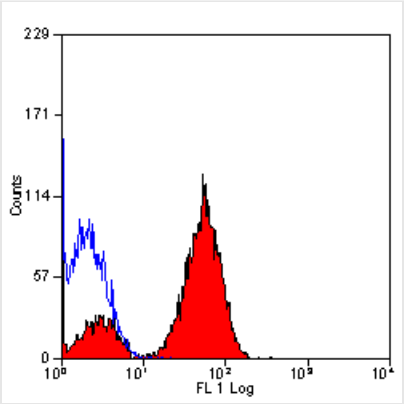
PRODUCT SYNONYMS

CD61; Monoclonal Antibody; HAMSTER ANTI MOUSE CD61:FITC; anti-CD61 antibody

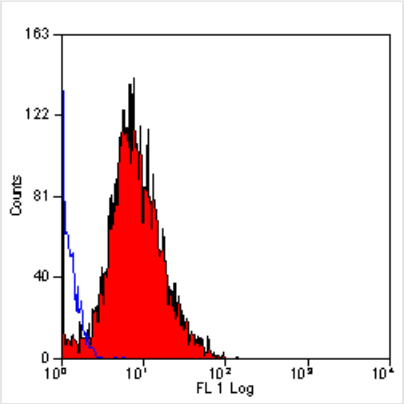
PRODUCT SPECIFICATIONS

Host	Hamster
Clonality	Monoclonal
Isotype	IgG
Clone Number	HM beta 3.1
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	787
Applicable Applications for anti-CD61 antibody	FCM/FACS (Flow Cytometry)
Application Notes	Flow Cytometry: Use 10ul of the suggested working dilution to label 106 cells in 100ul. The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity Fc receptors. This may be reduced by using SeroBlock FcR. **Flow Cytometry:** Minimum Dilution: Neat; Maximum Dilution: 1/10
Perservative Stabilisers	0.09% Sodium Azide 1% Bovine Serum Albumin Preparation
Immunogen	Mouse alpha 5 beta 3 protein purified from the mouse hybridoma 2B4 Fusion Partners
Target Species	Mouse
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. Shelf Life: 18 months from date of despatch.

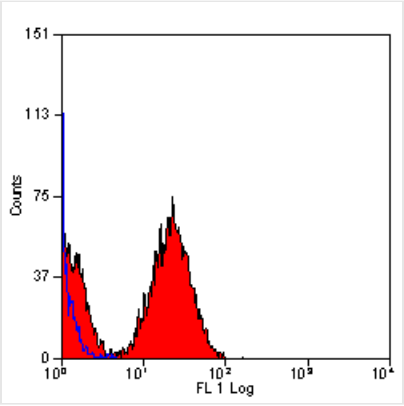
IMAGES



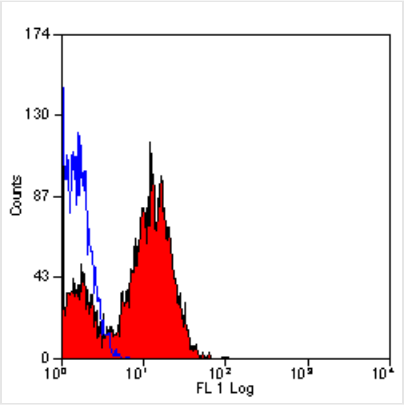
Application Data
Staining of mouse peripheral blood platelets with Hamster anti Mouse CD61:FITC



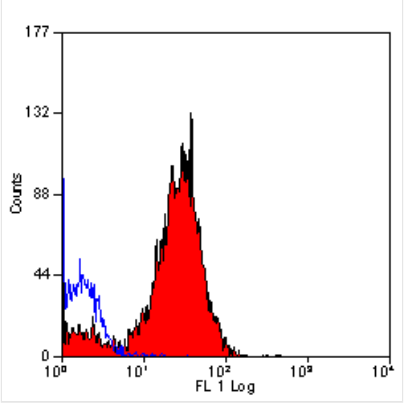
Application Data
Staining of mouse peripheral blood platelets with Hamster anti Mouse CD61:Biotin



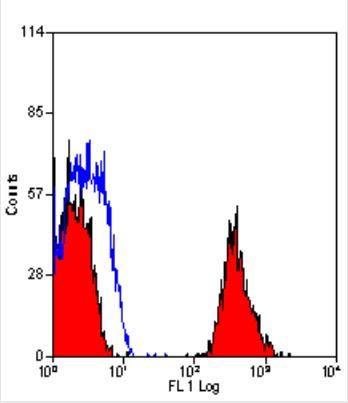
Application Data
Staining of mouse peripheral blood platelets with Hamster anti Mouse CD61:Alexa Fluor ?488



Application Data
Staining of mouse peripheral blood platelets with Hamster anti Mouse CD61:FITC



Application Data
Staining of mouse peripheral blood platelets with Hamster anti Mouse CD61:Alexa Fluor 647



Application Data
Staining of mouse peripheral blood platelets with Hamster anti Mouse CD61:RPE

ADDITIONAL INFORMATION

Related Product Information for anti-CD61 antibody	Hamster anti Mouse CD61 antibody, clone HM beta 3-1 recognizes the murine integrin beta 3 subunit (CD61), a 90kDa a type I membrane protein, which is expressed primarily on megakaryocytes, platelets, monocytes, macrophages, granulocytes and endothelial cells. CD61 associates with either the alpha IIb integrin (CD41) or the alpha V integrin (CD51) to form the platelet glycoprotein complex IIb/IIIa and the vitronectin receptor (VNR) respectively. The heterodimers formed with CD61 are receptor for a variety of ligands including fibrinogen, fibronectin, von Willebrands factor (vWF), vitronectin and thrombospondin. Hamster anti Mouse CD61 antibody, clone HM beta 3-1 is reported to partially inhibit the binding of CD61 to fibronectin (Yasuda et al. 1995).

NCBI AND UNIPROT INFORMATION

NCBI GI #	160358856
NCBI GeneID	16416
NCBI Accession #	NP_058060.2
NCBI GenBank Nucleotide #	NM_016780.2
UniProt Accession #	O54890; Q3TZC6
Molecular Weight	86,738 Da
NCBI Official Full Name	integrin beta-3
NCBI Official Synonym Full Names	integrin beta 3
NCBI Official Symbol	Itgb3
NCBI Official Synonym Symbols	CD61; GP3A; INGRB3
NCBI Protein Information	integrin beta-3; GPIIIa; platelet gpIIIa; platelet membrane glycoprotein IIIa
UniProt Protein Name	Integrin beta-3
UniProt Gene Name	**Itgb3**
UniProt Synonym Gene Names	GPIIIa
UniProt Entry Name	ITB3_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/cd61-antibody-clone-hm-beta-3-1-flow-cytometry-elisa/11873