

Rat CD49f Monoclonal Antibody | anti-CD49f antibody

CD49f antibody (PE)

CATALOG # AAA107028	HOST Rat	APPLICATIONS Flow Cytometry, Functional Assay
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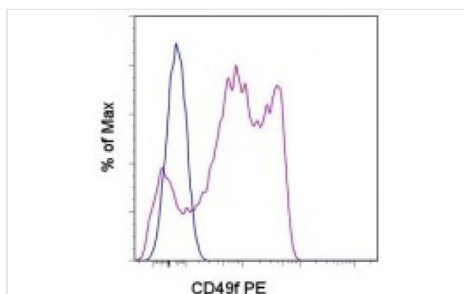
PRODUCT SYNONYMS

CD49f; Monoclonal Antibody; CD49f antibody (PE); Monoclonal CD49f; Anti-CD49f; ITGA6; CDf-49; CDf 49; VLA6; Integrin a6; anti-CD49f antibody

PRODUCT SPECIFICATIONS

Host	Rat
Clonality	Monoclonal
Isotype	IgG2a kappa
Clone Number	GoH3
Specificity	Mouse, Human
Form/Format	Supplied in aqueous buffer with 0.09% sodium azide, may contain carrier protein/stabilizer.
Concentration	0.2 mg/ml (varies by lot)
Applicable Applications for anti-CD49f antibody	FCM/FACS (Flow Cytometry)
Biological Significance	The GoH3 monoclonal antibody reacts with mouse and human CD49f, also known as integrin alpha 6, very late activation antigen 6, and platelet gplc. CD49f is a 120 kD transmembrane protein. CD49f associates with CD29, the integrin beta 1 chain, to form the VLA-6 complex CD49f also associates with CD104, the integrin beta 4 chain, to form the alpha 6 beta 4 complex. CD49f is expressed primarily on T cells, monocytes, platelets, epithelial and endothelial cells. CD49f expression has also been found on germinal center B cells. The GoH3 antibody is cross-reactive to integrin alpha 6 on human, mouse and bovine cells. This antibody has also been reported to have functional activity in blocking the binding of integrin alpha 6 to laminin.
Tag/Conjugate	PE
Preparation and Storage	Store at 4 degree C. Do not freeze. Light sensitive material

IMAGES



FCM/FACS (Flow Cytometry)

Staining of normal human peripheral blood cells with Rat IgG2a kappa Isotype Control (PE) (blue histogram) or CD49f antibody (PE) (purple histogram). Cells in the lymphocyte gate were used for analysis.

ADDITIONAL INFORMATION

Related Product Information for anti-CD49f antibody	Rat monoclonal CD49f antibody (PE)
Product Categories/Family for anti-CD49f antibody	Immunology; Conjugated Monoclonal Antibodies

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-goh3-flow-cytometry-elisa/107028>