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anti-ITGA6 antibody

Images



Overview

Quantity:	0.1 mg
Target:	ITGA6
Reactivity:	Human, Mouse, Cow, Dog, Pig, Horse, Sheep, Rabbit, Non-Human Primate, Cat
Host:	Rat
Clonality:	Monoclonal
Conjugate:	This ITGA6 antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunoprecipitation (IP), Immunohistochemistry (Frozen Sections)
	(IHC (fro)), Immunocytochemistry (ICC)

Product Details

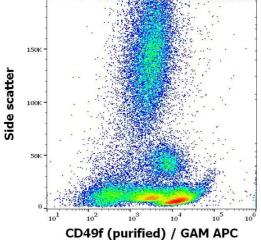
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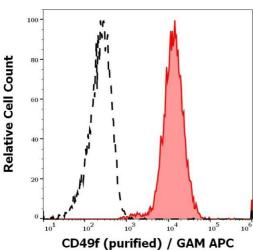
Troduct Details	
Purpose:	Anti-CD49f Purified
Immunogen:	mouse mammary tumor cells
Clone:	GoH3
Isotype:	lgG2a
Specificity:	The rat monoclonal antibody GoH3 recognizes an extracellular epitope of CD49f, an alpha6 integrin subunit.
Purification:	Purified by protein-G affinity chromatography.
Target Details	

ITGA6

Target Details

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Alternative Name:	CD49f (ITGA6 Products)
Background:	Integrin subunit alpha 6,CD49f (alpha 6 integrin) is a type I transmembrane glycoprotein, which
	noncovalently associates with CD29 (beta 1 integrin) to form VLA-6, and with CD104 (beta 4
	integrin) to form alpha6/beta4 integrin complex. CD49f is expressed on platelets,
	megakaryocytes, monocytes, T cells and thymocytes. It is widely expressed on many cultured
	adherent cell lines and on epithelia in non-lymphoid tissues. It is important for adhesion to
	laminins, invasin, and merosin, hence also for cell migration, embryogenesis, metastasis,
	formation of hemidesmosomes in epithelia, and other processes.,ITGA6, VLA6alpha, platelet
	gplc, integrin subunit alpha 6
Gene ID:	3655
UniProt:	P23229
Pathways:	CXCR4-mediated Signaling Events, Brown Fat Cell Differentiation, Integrin Complex
Application Details	
Application Notes:	Flow cytometry: Recommended dilution: 1-4 μg/mL.
Restrictions:	For Research Use only
Handling	
Concentration:	1 mg/mL
Buffer:	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which
	should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Do not freeze.





Flow Cytometry

Image 1. Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD49f (GoH3) purified antibody (concentration in sample 1,7 μ g/mL, GAM APC).

Flow Cytometry

Image 2. Separation of human blood thrombocytes stained using anti-CD49f (GoH3) purified antibody (concentration in sample 1,7 μ g/mL, GAM APC, red-filled) from blood thromobocytes unstained by primary antibody (GAM APC, black-dashed) in flow cytometry analysis (surface staining).