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43-1018: Monoclonal Antibody to Mouse/Rat CD61 (Integrin beta 3) NALE™ Purified (Clone: 2C9.G3)

Clonality :	Monoclonal
Clone Name :	2C9.G3
Application :	FACS
Reactivity :	Mouse
Gene :	Itgb3
Gene ID :	16416
Uniprot ID :	O54890
Alternative Name :	Platelet membrane glycoprotein IIIa, GP3A, Integrin beta-3
Isotype :	Armenian Hamster IgG

Description

The 2C9.G3 monoclonal antibody specifically reacts with the mouse/rat CD61 molecule, known as the integrin beta 3 that forms the vitronectin receptor with CD51. The complex binds to other ligands such as fibrinogen, fibronectin, thrombospondin, and von WIllebrand factor. It is expressed by granulocytes, platelets, activated T cells, smooth muscle, and a subset of B cells.

Product Info

Amount :	100 µg
Content :	1 mg/ml in Phosphate-buffered aqueous solution, ph7.2.
Storage condition :	The product should be stored undiluted at 4°C. Do not freeze. The monoclonal antibody was purified utilizing affinity chromatography. The endotoxin level is determined by LAL test to be less than 0.01 EU/µg of the protein.

Application Note

The antibody has been analyzed for quality through the flow cytometric analysis of the relevant cell type. It is recommended that the reagent be titrated for optimal performance for each application.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.