

43-1001: Monoclonal Antibody to Human CD51/CD61 (Integrin alpha v beta 3) NALE™ Purified (Clone: 23C6)

Clonality :	Monoclonal
Clone Name :	23C6
Application :	FACS
Reactivity :	Human
Gene :	ITGB3
Gene ID :	3690
Uniprot ID :	P05106
Alternative Name :	Platelet membrane glycoprotein IIIa, GP3A
Isotype :	Mouse IgG1, kappa

Description

The 23C6 monoclonal antibody specifically reacts with the human CD51/61 molecule, known as the integrin alpha v Beta 3 complex or vitronectin receptor. The complex binds to other ligands such as CD29, fibrinogen, fibrinectin, vWf, laminin and thrombospondin. It is expressed by endothelial cells, osteoclasts, melanoma cells, and at low levels on platelets and macrophages. The 23C6 antibody is reported to be able to block the receptors ability to form interactions with some of its ligands.

Product Info

Amount :	50 µg
Purification :	Purified (No Azide Low Endotoxin)
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.