CD51 (human) monoclonal antibody (L230)

CD51 (integrin αV subunit) associates with CD61 (integrin β3 subunit) binding to the RGD sequence in extracellular matrix proteins like vitronectin, fibrinogen, thrombospondin, von Willebrand factor and osteopontin. The αV/β3 heterodimer is expressed in endothelial cells, leukocytes, NK cells, macrophages, neutrophils, platelets and several malignant tumor cells and seems to play a role in embryo implantation, angiogenesis, wound healing and cancer. αV/β3 is also highly expressed in osteoclasts being important for bone resorption.

This antibody is covered by our Worry-Free Guarantee.

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ALX-803-3040	100µg

Manuals, SDS & CofA View Online »

Handling & Storage

Handling	Avoid freeze/thaw cycles. After opening, prepare aliquots and store at -20°C.
Short Term Storage	+4°C
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	αV integrin, Vitronectin receptor α subunit
Application	ELISA, Flow Cytometry, FUNC, IF, IHC, IP
Application Notes	Functional Application: αV integrin blocking
Clone	L230
Crossreactivity	Does not cross-react with other species.
Formulation	Liquid. In PBS containing 0.05% sodium azide.
Host	Mouse
Immunogen	Human endothelial cells.
Isotype	IgG1
Purity Detail	Protein A-affinity purified.
Species Reactivity	Human
Specificity	Recognizes heterodimers αVβ3, αVβ1, αVβ5 and αVβ6.
UniProt ID	P06756
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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