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30-1573: Anti-CD87 Monoclonal Antibody (Clone:VIM5)

Clonality :	Monoclonal
Clone Name :	VIM5
Application :	FACS
Reactivity :	Human
Gene :	PLAUR
Gene ID :	5329
Uniprot ID :	Q03405
Format :	Purified
Alternative Name :	PLAUR,MO3,UPAR
Isotype :	Mouse IgG1
Immunogen Information :	human myeloid cell line THP-1

Description

CD87, the urokinase plasminogen activator receptor (UPAR), is a GPI-anchored single chain glycoprotein of a 50-68 kDa, which is expressed on granulocytes, monocytes/macrophages, dendritic cells, endothelial cells, fibroblasts and keratinocytes. The urokinase plasminogen activator bound to CD87 converts plasminogen to plasmin, and being concentrated on the leading edge of migrating cells, it plays important role in cell adhesion and chemotaxis. CD87 binds to Beta1, Beta2, and Beta3 integrins, and can contribute to cancer cell invasion and metastasis. This antigen can also be used to study normal and abnormal granulopoiesis.

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

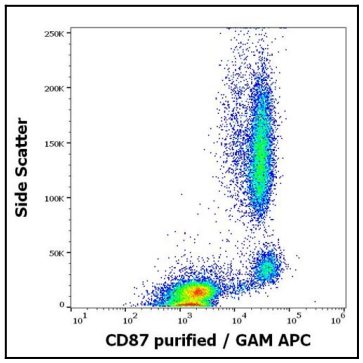

Figure 1: Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD87 (VIM5) purified antibody (concentration in sample 2 µg/ml) GAM APC.

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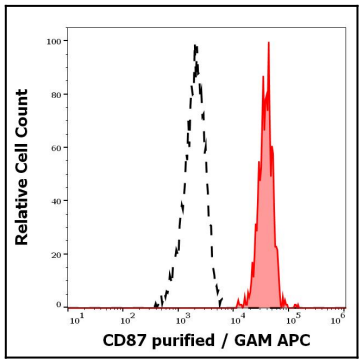

Figure 2: Separation of human monocytes (red-filled) from lymphocytes (black-dashed) in flow cytometry analysis (surface staining) of human peripheral whole blood stained using anti-human CD87 (VIM5) purified antibody (concentration in sample 2 µg/ml) GAM APC.