

Mouse anti-Human CD87 Monoclonal Antibody | anti-CD87 antibody

Anti-Hu CD87 PE

CATALOG # AAA129035	HOST Mouse	REACTIVITY Human	APPLICATIONS Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

CD87; Monoclonal Antibody; Anti-Hu CD87 PE; plasminogen activator; urokinase receptor; UPAR; URKR; U-PAR; PLAUR; anti-CD87 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	VIM5
Specificity	The mouse monoclonal antibody VIM5 recognizes CD87 (urokinase plasminogen activator receptor), a 36-68 kDa single-chain GPI-anchored extracellular glycoprotein expressed on granulocytes, monocytes/macrophages, dendritic cells, endothelial cells, fibroblasts and keratinocytes.
Purity/Purification	The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide
Sequence Length	335
Applicable Applications for anti-CD87 antibody	FCM/FACS (Flow Cytometry)
Immunogen	human myeloid cell line THP-1
Conjugation	PE
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.

ADDITIONAL INFORMATION

Related Product Information for anti-CD87 antibody	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 $\alpha 1$, $\alpha 2$, and $\alpha 3$ integrins, and can contribute to cancer cell invasion and metastasis. This antigen can also be used to study normal and abnormal granulopoiesis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505865
NCBI GeneID	5329
NCBI Accession #	NP_002650.1
NCBI GenBank Nucleotide #	NP_002650.1

UniProt Accession #	Q03405
NCBI Official Full Name	urokinase plasminogen activator surface receptor isoform 1
NCBI Official Synonym Full Names	plasminogen activator, urokinase receptor
NCBI Official Symbol	PLAUR
NCBI Official Synonym Symbols	CD87; UPAR; URKR; U-PAR
NCBI Protein Information	urokinase plasminogen activator surface receptor
UniProt Protein Name	Urokinase plasminogen activator surface receptor
UniProt Gene Name	PLAUR
UniProt Synonym Gene Names	MO3; UPAR; U-PAR; uPAR
UniProt Entry Name	UPAR_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/cd87-antibody-clone-vim5-flow-cytometry-elisa/129035>