



[Go to Product page](#)

Datasheet for ABIN4888508
anti-PLAUR antibody (PE)

2 Images

Overview

Quantity:	100 tests
Target:	PLAUR
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PLAUR antibody is conjugated to PE
Application:	Flow Cytometry (FACS)

Product Details

Immunogen:	human myeloid cell line THP-1
Clone:	VIM5
Isotype:	IgG1
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.
Cross-Reactivity (Details):	Human
Purification:	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.

Target Details

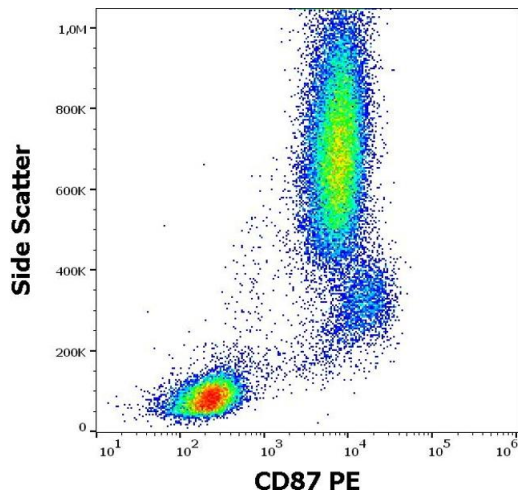
Target:	PLAUR
Alternative Name:	CD87 (PLAUR Products)
Background:	Plasminogen activator, urokinase receptor,CD87, the urokinase plasminogen activator receptor (UPAR), is a GPI-anchored single chain glycoprotein of a 50-68 kDa, which is expressed on granulocytes, monocytes/macrophages, dendritic cells, 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 β ,1, β ,2, and β ,3 integrins, and can contribute to cancer cell invasion and metastasis. This antigen can also be used to study normal and abnormal granulopoiesis.,UPAR, URKR, PLAUR
Gene ID:	5329
UniProt:	Q03405
Pathways:	Inositol Metabolic Process

Application Details

Application Notes:	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 μ L reagent / 100 μ L of whole blood or 10^6 cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Comment:	The purified antibody is conjugated with R-Phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary.
Restrictions:	For Research Use only

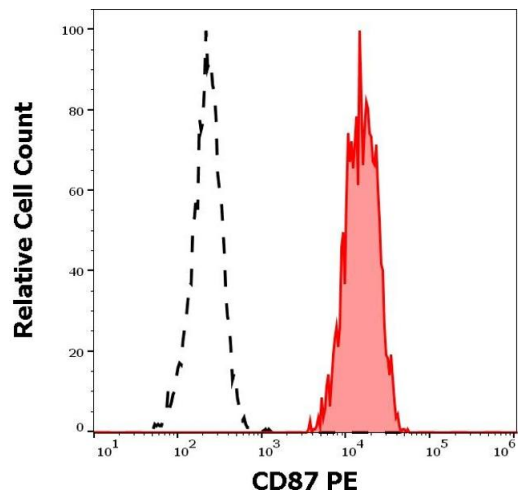
Handling

Buffer:	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C
Storage Comment:	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.



Flow Cytometry

Image 1. Flow cytometry surface staining pattern of human peripheral whole blood stained using anti-human CD87 (VIM5) PE antibody (10 μ L reagent / 100 μ L of peripheral whole blood).



Flow Cytometry

Image 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) PE antibody (10 μ L reagent / 100 μ L of peripheral whole blood).