

Technical Data Sheet

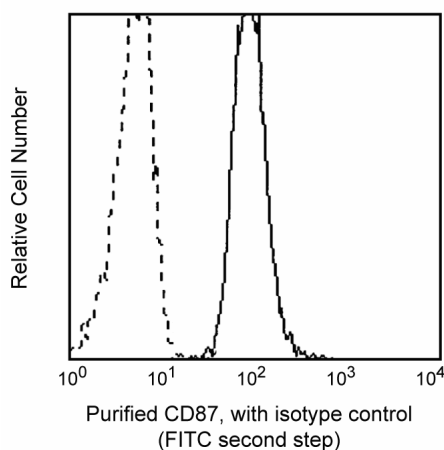
Purified Mouse Anti-Human CD87**Product Information**

Material Number:	555767
Size:	0.1 mg
Concentration:	0.5 mg/ml
Clone:	VIM5
Isotype:	Mouse IgG1 κ
Reactivity:	QC Testing: Human
Workshop:	V MA013
Storage Buffer:	Aqueous buffered solution containing ≤0.09% sodium azide.

Description

Reacts with the urokinase plasminogen activator receptor (uPA-R), a 50-65 kDa single chain glycosylphosphatidylinositol (GPI)-linked glycoprotein. uPA-R was clustered as CD87 in the Fifth Human Leukocyte Differentiation Antigens Workshop. It is expressed on neutrophils, monocytes, tissue macrophages, endothelial cells, and activated T cells. CD87 plays a role in cell-associated fibrinolytic activity and tissue invasion. This antibody may be useful in the study of myeloid cell differentiation.

This antibody is routinely tested by flow cytometric analysis. Other applications were tested at BD Biosciences Pharmingen during antibody development only or reported in the literature.



Profile of peripheral blood granulocytes analyzed by flow cytometry

Preparation and Storage

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

Store undiluted at 4° C.

Application Notes**Application**

Flow cytometry	Routinely Tested
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Suggested Companion Products

Catalog Number	Name	Size	Clone
555746	Purified Mouse IgG1 Kappa Isotype Control	0.1 mg	MOPC-21
555988	FITC Goat Anti-Mouse IgG/IgM	0.5 mg	Gt/Ms

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Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. Please refer to www.bdbiosciences.com/pharmlngen/protocols for technical protocols.
3. Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.

References

Schlossman S, Boumell L, et al, ed. *Leucocyte Typing V*. New York: Oxford University Press; 1995.(Clone-specific)