

Technical Data Sheet

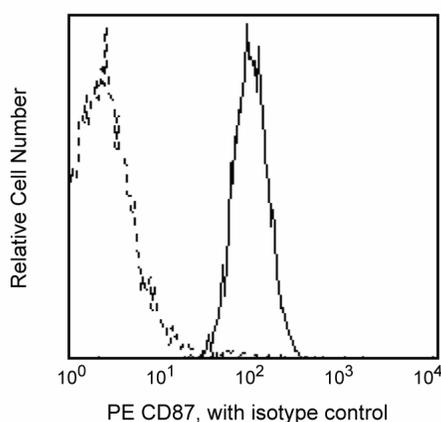
PE Mouse Anti-Human CD87

Product Information

Material Number:	555768
Size:	100 tests
Vol. per Test:	20 µl
Clone:	VIM5
Isotype:	Mouse IgG1, κ
Reactivity:	QC Testing: Human
Workshop:	V MA013
Storage Buffer:	Aqueous buffered solution containing BSA and ≤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.



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.

The antibody was conjugated with R-PE under optimum conditions, and unconjugated antibody and free PE were removed.

Store undiluted at 4°C and protected from prolonged exposure to light. Do not freeze.

Application Notes

Application

Flow cytometry	Routinely Tested
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Suggested Companion Products

Catalog Number	Name	Size	Clone
555749	PE Mouse IgG1, κ Isotype Control	100 tests	MOPC-21

Product Notices

1. This reagent has been pre-diluted for use at the recommended Volume per Test. We typically use 1×10^6 cells in a 100-µl experimental sample (a test).
2. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
3. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.
4. For fluorochrome spectra and suitable instrument settings, please refer to our Fluorochrome Web Page at www.bdbiosciences.com/colors.
5. 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.
6. Source of all serum proteins is from USDA inspected abattoirs located in the United States.

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References

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