

Technical Data Sheet

PE Mouse Anti-Human CD97

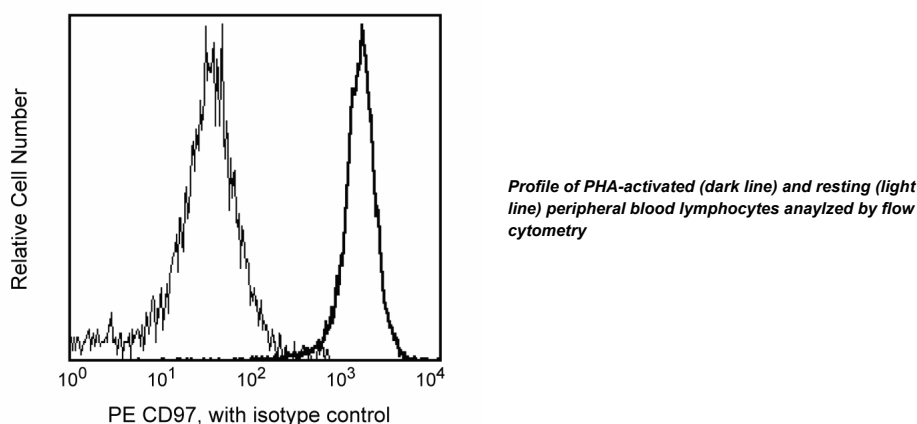
Product Information

Material Number:	555774
Size:	100 tests
Vol. per Test:	20 µl
Clone:	VIM3b
Isotype:	Mouse IgG1, κ
Reactivity:	QC Testing: Human
Workshop:	V A046, BP030
Storage Buffer:	Aqueous buffered solution containing BSA and ≤0.09% sodium azide.

Description

Recognizes a triplet of membrane proteins of 74, 80 and 89 kDa. CD97 is strongly expressed on phytohemagglutinin (PHA)-activated T and B cells, virtually all monocytes and granulocytes, and several cell lines including HL-60, THP-1, and K562. It is weakly expressed on resting lymphocytes. VIM3b has been shown to be effective in western blot and immunoprecipitation.

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.



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 by gel filtration chromatography.

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

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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- μ l 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. 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.
5. Source of all serum proteins is from USDA inspected abattoirs located in the United States.

References

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