

Technical Data Sheet

Purified Mouse Anti-Human CD97

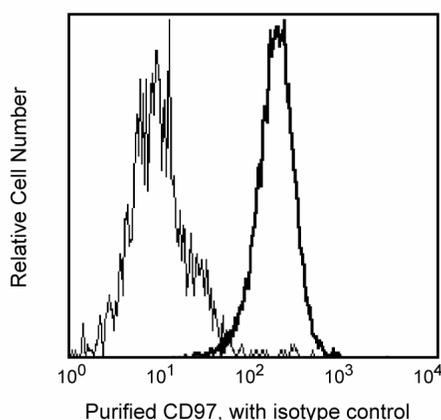
Product Information

Material Number:	555772
Size:	0.1 mg
Concentration:	0.5 mg/ml
Clone:	VIM3b
Isotype:	Mouse IgG1, κ
Reactivity:	QC Testing: Human
Workshop:	V A046, BP030
Storage Buffer:	Aqueous buffered solution containing $\leq 0.09\%$ 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.



Profile of PHA-activated (dark line) and resting (light line) peripheral blood lymphocytes analyzed on a FACScan (BDIS, San Jose, CA)

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
Western blot	Reported

Suggested Companion Products

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

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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/pharmingen/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)