

## Technical Data Sheet

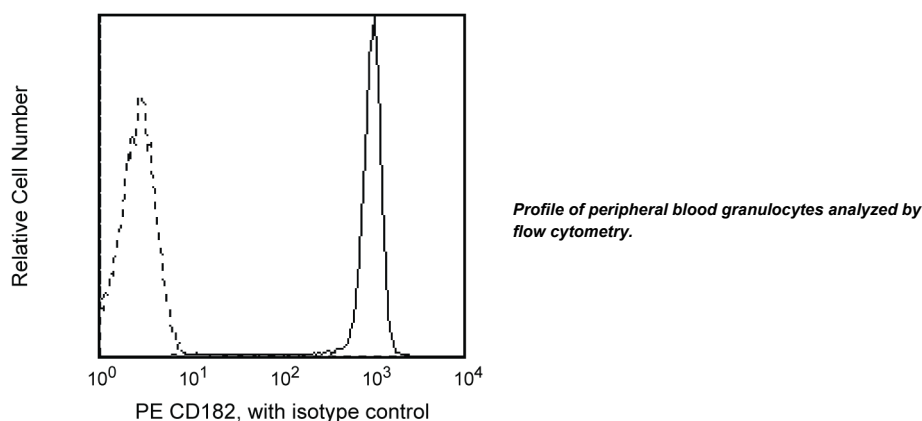
## PE Mouse Anti-Human CD182

## Product Information

<b>Material Number:</b>	555933
<b>Alternate Name:</b>	CXCR2, IL-8RB, CD128b
<b>Size:</b>	0.2 mg
<b>Concentration:</b>	0.2 mg/ml
<b>Clone:</b>	6C6
<b>Isotype:</b>	Mouse IgG1, $\lambda$
<b>Reactivity:</b>	QC Testing: Human
<b>Workshop:</b>	NA
<b>Storage Buffer:</b>	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

## Description

Reacts with interleukin-8 receptor B (IL-8RB), a G-protein-linked seven transmembrane domain protein, expressed on monocytes and granulocytes. It is also expressed on a subset of T cells. Both IL-8RA (CXCR1) and IL-8RB (CXCR2) are high affinity receptors for IL-8. IL-8 is an inflammatory cytokine which induces chemotaxis of neutrophils, basophils and T lymphocytes.



## 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, $\kappa$ 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  $1 \times 10^6$  cells in a 100- $\mu$ 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](http://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](http://www.bdbiosciences.com/colors).

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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.

## References

- Callard R, Gearing A. Callard R, Gearing A. *The Cytokine Facts Book*. San Diego: Academic Press; 1994. (Biology)
- Baggiolini M, Loetscher P, Moser B. Interleukin-8 and the chemokine family. *Int J Immunopharmacol*. 1995; 17(2):103-108. (Biology)
- Barclay NA, Brown MH, Birkeland ML, et al, ed. *The Leukocyte Antigen FactsBook*. San Diego, CA: Academic Press; 1997. (Biology)
- Qin S, LaRosa G, Campbell JJ, et al. Expression of monocyte chemoattractant protein-1 and interleukin-8 receptors on subsets of T cells: correlation with transendothelial chemotactic potential. *Eur J Immunol*. 1996; 26(3):640-647. (Biology)