

## Technical Data Sheet

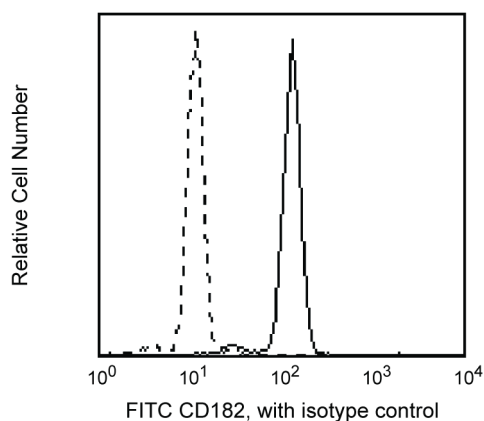
**FITC Mouse Anti-Human CD182****Product Information**

<b>Material Number:</b>	551126
<b>Alternate Name:</b>	CXCR2, IL-8RB, CD128b
<b>Size:</b>	100 tests
<b>Vol. per Test:</b>	20 µl
<b>Clone:</b>	6C6
<b>Isotype:</b>	Mouse IgG1, λ
<b>Reactivity:</b>	QC Testing: Human
<b>Workshop:</b>	NA
<b>Storage Buffer:</b>	Aqueous buffered solution containing BSA and ≤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.

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.

The antibody was conjugated with FITC under optimum conditions, and unreacted FITC was removed.

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

**Application Notes****Application**

Flow cytometry

Routinely Tested

**Suggested Companion Products**

Catalog Number	Name	Size	Clone
555748	FITC 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  $1 \times 10^6$  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/pharming/en/protocols](http://www.bdbiosciences.com/pharming/en/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

- Barclay NA, Brown MH, Birkeland ML, et al, ed. *The Leukocyte Antigen FactsBook*. San Diego, CA: Academic Press; 1997.(Biology)
- Baggiolini M, Loetscher P, Moser B. Interleukin-8 and the chemokine family. *Int J Immunopharmacol*. 1995; 17(2):103-108.(Biology)
- Callard R, Gearing A. *The Cytokine Facts Book*. San Diego: Academic Press; 1994.(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)