

## CD183 (1C6)

Type	Size	Catalog number
Unconjugated	100µg	110801
	500µg	110803
FITC	25 tests	110814
	100 tests	110815
	200 tests	110816

<b>Antigen:</b>	CD183
<b>Immunogen:</b>	Human CXCR3 peptide
<b>Host/Isotype:</b>	Mouse, IgG1, k
<b>Reactivity:</b>	Human
<b>Purity:</b>	>90% pure tested via polyacrylamide gel electrophoresis (PAGE)
<b>Formulation:</b>	PBS, pH7.2, 0.09%NaN <sub>3</sub> (unconjugated) PBS, pH7.2, 0.09% NaN <sub>3</sub> and 0.2% (w/v) BSA (conjugated)
<b>Storage:</b>	Store at 2-8°C and protected from prolonged exposure to light. <b>Do not freeze.</b>
<b>Applications:</b>	Flow Cytometry

### Application Information

Each lot of these antibodies has been pre-titrated and tested by flow cytometric analysis of human PBMCs such that 0.5µg (unconjugated, Biotin) or 5µl (conjugated) of these products are sufficient for staining 1 million cells in a 100µl staining volume or 100µl of whole blood. It is recommended to titrate antibody reactivity empirically for optimal performance.

### Antigen Information

The clone 1C6, a mouse monoclonal antibody specifically binds to a human 40-41 kDa transmembrane protein antigen known as CD183. It is also known as the CXCR3 chemokine receptor, a member of the G protein-coupled receptor family. CD183 is expressed primarily on activated T cells that infiltrate inflammatory sites as well as on some circulating T cells, B cells, and NK cells. Clone 1C6 has cross the reactivity with the PBMCs of baboon, rhesus and cynomolgus macaque monkeys.

### References

1. Loetscher, L, et al. 1996. *J. Exp Med.* 184:963-969.
2. Piali, L, et al. 1998. *Eur J Immunol.* 28:961-972.
3. Qin, S, et al. 1998. *J Clin Invest.* 101:746-754.
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### Terms and Conditions

This product is for research use only (RUO) and not intended for diagnostic testing.