

## 30-2122: Anti-CD184 / CXCR4 Monoclonal Antibody (Clone:12G5)-PE Conjugated

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	12G5
<b>Application :</b>	FACS, IHC, ICC, Functional Assay
<b>Reactivity :</b>	Human, Non-Human Primates
<b>Conjugate :</b>	PE
<b>Gene :</b>	CXCR4
<b>Gene ID :</b>	7852
<b>Uniprot ID :</b>	P61073
<b>Alternative Name :</b>	CXCR4
<b>Isotype :</b>	Mouse IgG2a
<b>Immunogen Information :</b>	CP-MAC-infected Sup-T1 cells

### Description

CD184, also known as CXCR4 or fusin, is a receptor for the C-X-C chemokine SDF-1. It is expressed mainly in hematopoietic cells, vascular endothelium, and neural tissue. CD184 is a G-protein coupled receptor containing extracellular N-terminal, seven transmembrane domains and intracellular C-terminal domain. It transduces signal by increasing the intracellular calcium level. CD184 plays an essential role in vascularization of the gastrointestinal tract, and is involved in cerebellar development and in hematopoiesis. It is also a coreceptor (with CD4) for HIV-1 X4 virus and a primary receptor for some HIV-2 isolates.

### Product Info

<b>Amount :</b>	100 tests
<b>Storage condition :</b>	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

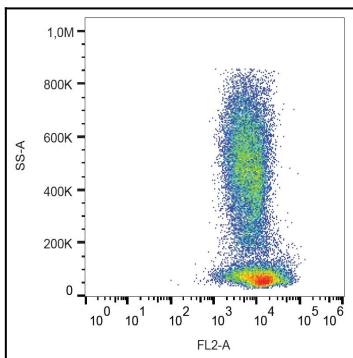


Figure 1: Surface staining of human peripheral blood leukocytes with anti-human CD184 (12G5) PE.