

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

Clonality :	Monoclonal
Clone Name :	12G5
Application :	FACS, IHC, ICC, Functional Assay
Reactivity :	Human, Non-Human Primates
Conjugate :	PE
Gene :	CXCR4
Gene ID :	7852
Uniprot ID :	P61073
Alternative Name :	CXCR4
Isotype :	Mouse IgG2a
Immunogen Information :	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

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

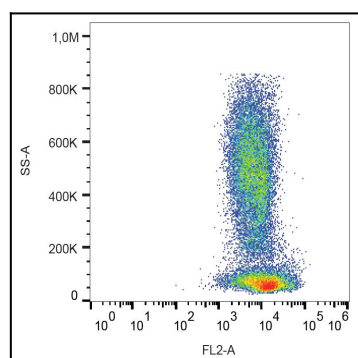


Figure 1: Surface staining of human peripheral blood leukocytes with anti-human CD184 (12G5) PE.