



A Reliable Research Partner in Life Science and Medicine

Purified Anti-Human SDF-1 Antibody[H336-5H5]

catalog number: AN007580P

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity Human

Immunogen Recombinant Human CXCL12 protein

Host Rat

IsotypeRat $\lg G2a$, κ CloneH336-5H5

Purification >98%, Protein A/G purified

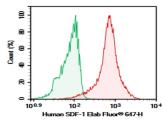
Buffer Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer.

Dialyze to completely remove the stabilizer prior to labeling.

Applications Recommended Dilution

FCM $2 \mu g/mL(0.5 \times 10^6 - 1 \times 10^6 \text{ cells})$

Data



Human peripheral blood lymphocytes cell were stained with 0.2 μ g Purified Anti-Human SDF-1 Antibody[H336-5H5] (Right) and 0.2 μ g Rat IgG2a, κ Isotype Control (Left),

followed by Elab Fluor® 647-conjugated Goat Anti-Ret IgG Secondary Antibody.

Preparation & Storage

Storage Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze /

thaw cycles.

Shipping Ice bag

Background

This antimicrobial gene encodes a stromal cell-derived alpha chemokine member of the intercrine family. The encoded protein functions as the ligand for the G-protein coupled receptor, chemokine (C-X-C motif) receptor 4, and plays a role in many diverse cellular functions, including embryogenesis, immune surveillance, inflammation response, tissue homeostasis, and tumor growth and metastasis. Mutations in this gene are associated with resistance to Human immunodeficiency virus type 1 infections. Multiple transcript variants encoding different isoforms have been found for this gene.

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