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

catalog number: **AN007580P**

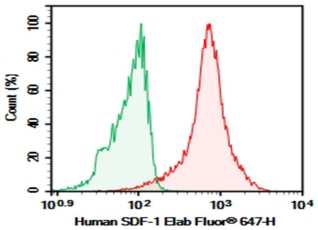
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant Human CXCL12 protein
Host	Rat
Isotype	Rat IgG2a, κ
Clone	H336-5H5
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	≤ 0.2 μg per million cells in 100 μL volume

Data



Human peripheral blood lymphocytes cell were stained with 0.2 μg Purified Anti-Human SDF-1 Antibody[H336-5H5] (Right) and 0.2 μg 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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