Purified Anti-Mouse CD209b Antibody[22D1]

catalog number: **E-AB-F1022A**

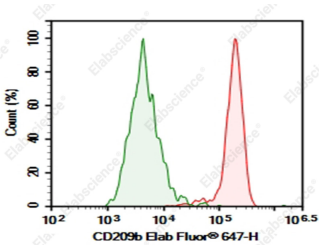
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Mouse
Immunogen	Recombinant Mouse CD209b protein
Host	Armenian Hamster
Isotype	Armenian Hamster IgG
Clone	22D1
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



Mouse peritoneal macrophages were stained with 0.2 μg Purified Anti-Mouse CD209b Antibody[22D1](Right) and 0.2 μg Armenian Hamster IgG, κ Isotype Control(Left), followed by Elab Fluor® 647-conjugated Goat Anti-Armenian Hamster 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

CD209B, also known as SIGN-R1, is a mouse C-type lectin receptor predominantly expressed on macrophages in the spleen marginal zone and lymph nodes medulla. CD209B is a mouse homolog of human CD209/DC-SIGN and is involved in innate immune response. CD209B mediates the recognition and uptake of pathogen products, such as lipopolysaccharides (LPS), pneumococcal polysaccharides, and dextrans. CD209B has been demonstrated to facilitate the clearance of encapsulated pneumococcus by directly binding to C1q and activating complement through an immunoglobulin independent pathway.

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