

Purified Anti-Mouse CD16/32 Antibody[2.4G2]

Catalog Number: GF0997A

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

Description

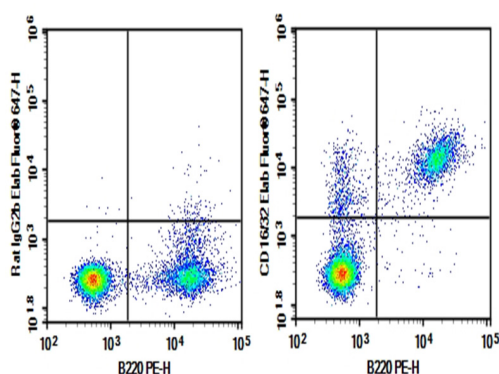
Reactivity	Mouse
Immunogen	Recombinant Mouse CD16/32 protein
Host	Rat
Isotype	Rat IgG2b, κ
Clone	2.4G2
Purification	>98%, Protein A/G purified
Conjugation	Unconjugated
Buffer	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

Applications

Recommended Dilution

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



C57/BL6 Mouse splenocytes were stained with 0.2 μg AF/LE
Purified Anti-Mouse CD16/32 Antibody[2.4G2] (Right) and
0.2 μg Rat IgG2b, κ Isotype Control (Left), followed by Elab

Fluor® 647-conjugated Goat Anti- Rat IgG Secondary
Antibody, then anti-Mouse B220 PE-conjugated Monoclonal
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

CD16 is low affinity IgG Fc receptor III (FcR III) and CD32 is FcR II. CD16/CD32 are expressed on B cells, monocytes/macrophages, NK cells, granulocytes, mast cells, and dendritic cells. The Fc receptors bind antibody-antigen immune complexes and mediate adaptive immune responses.