

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

Catalog Number: GF09970

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

Description

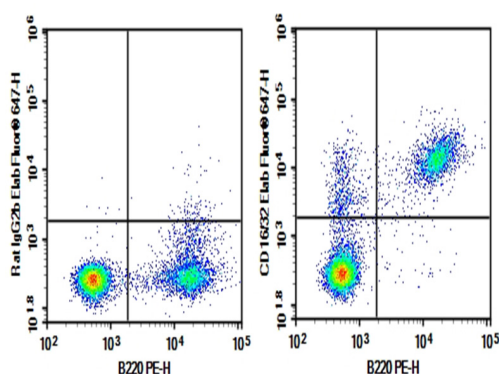
Reactivity	Mouse
Immunogen	Recombinant Mouse CD16/32 protein
Host	Rat
Isotype	Rat IgG2b, κ
Clone	2.4G2
Purification	>98%, Protein A/G purified
Conjugation	None (AF/LE)
Buffer	Sterile PBS, pH 7.2. < 1.0 EU per mg of the antibody as determined by the LAL method.

Applications

Recommended Dilution

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

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. This preparation contains no preservatives, thus it should be handled under aseptic conditions.
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.