

For Research Use Only

APC Anti-Mouse CD16/32 (93)

Catalog Number: APC-65057



Basic Information

Catalog Number: APC-65057	GenBank Accession Number: BC038070	Purification Method: Affinity purification
Size: 100ug, 0.1 mg/ml	GeneID (NCBI): 14130	CloneNo.: 93
Source: Rat	UNIPROT ID: P08101	Excitation/Emission maxima wavelengths: 650 nm / 660 nm
Isotype: IgG2a, lambda	Full Name: Fc receptor, IgG, low affinity IIb	

Applications

Tested Applications:
FC

Species Specificity:
Mouse

Background Information

CD16 (Fc γ RIII) is a 50-70 kDa low affinity Fc receptor found on the surface of natural killer cells, neutrophil polymorphonuclear leukocytes, monocytes and macrophages. CD16 mediates antibody-dependent cellular cytotoxicity (ADCC) and other antibody-dependent responses, such as phagocytosis. CD32 (Fc γ RII) is a 40 kD transmembrane glycoprotein that binds to the Fc region of IgG with low affinity. CD32 is present on phagocytic cells such as macrophages and neutrophils, and is involved in the process of phagocytosis and clearing of immune complexes.

Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:
PBS with 0.1% sodium azide and 0.5% BSA.

For technical support and original validation data for this product please contact:

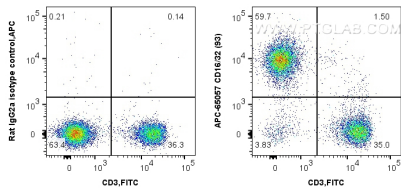
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Selected Validation Data



1X10⁶ C57BL/6 mouse splenocytes were surface co-stained with FITC Plus Anti-Mouse CD3 (17A2) and 0.2 ug APC Anti-Mouse CD16/32 (APC-65057, Clone: 93) or 0.2 ug APC Rat IgG2a Isotype Control (2A3). Cells were not fixed.