

For Research Use Only

PE Anti-Mouse CD16/32 (93)

Catalog Number: PE-65057



Basic Information

Catalog Number: PE-65057	GenBank Accession Number: BC038070	Purification Method: Affinity purification
Size: 100ug, 0.1 mg/ml	GeneID (NCBI): 14130	CloneNo.: 93
Source: Rat	Full Name: Fc receptor, IgG, low affinity IIb	Excitation/Emission maxima wavelengths: 496 nm, 565 nm / 578 nm
Isotype: IgG2a, lambda		

Applications

Tested Applications:
FC

Species Specificity:
Mouse

Background Information

CD16 (FcγRIII) 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 (FcγRII) 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

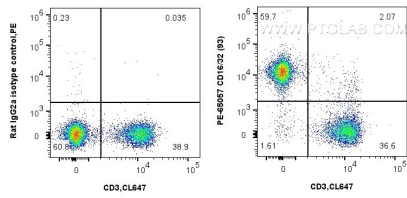
Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

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

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



1X10⁶ C57BL/6 mouse splenocytes were surface co-stained with CoraLite® Plus 647 Anti-Mouse CD3 (17A2) and 0.2 ug PE Anti-Mouse CD16/32 (PE-65057, Clone:93) or 0.2 ug PE Rat IgG2a Isotype Control (2A3). Cells were not fixed.