

For Research Use Only

CoraLite® Plus 750 Anti-Mouse CD16/32 (93)



Catalog Number: CL750-65057

Basic Information

Catalog Number: CL750-65057	GenBank Accession Number: BC038070	Purification Method: Affinity purification
Size: 100ug, 0.5 mg/ml	GeneID (NCBI): 14130	CloneNo.: 93
Source: Rat	UNIPROT ID: P08101	Excitation/Emission maxima wavelengths: 755 nm / 780 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. Rat anti mouse CD16/32 antibody, clone 93 is specific to the common epitope of CD16 and CD32. It can be used for blocking non-specific binding of immunoglobulins to the Fc receptors.

Storage

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

Storage Buffer:
PBS with 0.09% sodium azide.

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

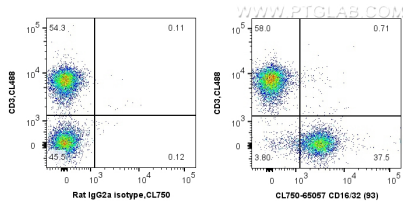
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ mouse splenocytes were surface co-stained with CoraLite® Plus 488 Anti-Mouse CD3 (17A2) and 0.5 ug CoraLite® Plus 750 Anti-Mouse CD16/32 (CL750-65057, Clone:93) or 0.5 ug CoraLite® Plus 750 Rat IgG2a Isotype Control (2A3) (CL750-65209, Clone: 2A3). Cells were not fixed.