



Product Datasheet

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

Catalogue Code: AGEL0050

Antibody Data

Product SKU:	AGEL0050	Clone:	2.4G2
Applications:	FCM;Block		
Reactivity:	Mouse		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

Alternate Names:	CD16a/b;CD32;CD32A/B;Fc fragment of IgG low affinity IIa/b receptor;Fc fragment of IgG low affinity IIIa/b receptor;Fc fragment of IgG low affinity IIIb receptor;Fc gamma receptor III A/B;FCG2A;FcGR;FCGR2A/BFCGR3;FCGR3A/B;Fc gamma RIIa/b ;
Uniprot ID:	P08508 P08101
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.
Form:	Liquid
Conjugation:	Unconjugated
Size:	25µg, 100µg
Host Species:	Rat
Isotype:	Rat IgG2b, κ
Isotype Control:	Purified Rat IgG2b, κ Isotype Control[LTF-2] [Product AGEL0050]
Storage Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
Shipping:	Biological ice pack at 4°C

Stability & Storage: Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

Recommended Usage: Each lot of this antibody is quality control tested by flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in 100 μL volume or 100 μL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.