Product Datasheet

PerCP/Cyanine5.5 Anti-Mouse CD16/32 Antibody [2.4G2]
Catalogue Code: AGEL0594

Antibody Data

Product SKU:	**AGEL0594**	**Clone:**	**2.4G2**
Applications:	**FCM**		
Reactivity:	**Mouse**		

Important Note:

Centrifuge before opening to ensure complete recovery of vial contents.

Product Information:

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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:	PerCP/Cyanine 5.5
Size:	25µg, 100µg
Host Species:	Rat
Isotype:	Rat IgG2b, κ

PerCP/Cyanine5.5 Excitation and Emission Spectra
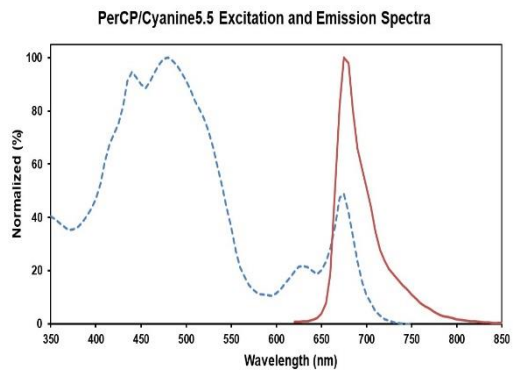
Ex:440;480;675 nm; Em:675 nm

Isotype Control:	PerCP/Cyanine5.5 Rat IgG2b, κ Isotype Control[LTF-2] [Product AGEL0594]
Storage Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
Shipping:	Biological ice pack at 4℃

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. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 µg/106 cells in 100 µL volume].