APC Anti-Human CD32B/C Antibody[S18005H]

Catalog Number: AN01139E

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

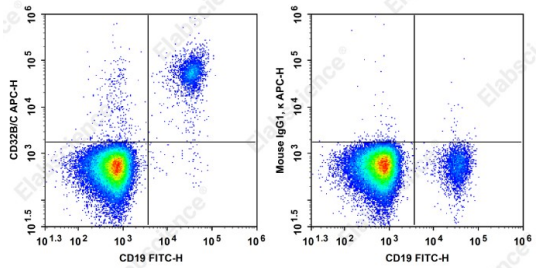
Description

Reactivity	Human
Host	Mouse
Isotype	Mouse IgG1, κ
Clone No.	S18005H
Isotype Control	APC Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792E]
Conjugation	APC
Conjugation Information	APC is designed to be excited by the Red (627-640 nm) laser and detected using an optical filter centered near 660 nm (e.g., a 660/20 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.

Applications — Recommended usage

FCM	Each lot of this antibody is quality control tested by flow cytometric analysis. **The amount of the reagent is suggested to be used 5 μL of antibody per test (million cells in 100 μL staining volume or per 100 μL of whole blood).** Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

Data



Staining of normal human peripheral blood cells with FITC Anti-Human CD19 Antibody and APC Anti-Human CD32B/C Antibody[S18005H] (left) or APC Mouse IgG1, κ Isotype Control (right). Cells in the lymphocytes gate were used for analysis.

Preparation & Storage

Storage	Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
Shipping	Ice bag

Antigen Information

Alternate Names	FCGR2B;FCgRIIB;FCGR2C;FCRIIC;IGFR2;CD32B;CD32C;FCG2;FCGR2;IGFR2;FcRII-c;CDW32
Uniprot ID	P31994

Gene ID	2213;9103
Background	CD32B (FCGR2B) and CD32C (FCGR2C) are 40 kDa, type I transmembrane proteins that are members of the Ig superfamily of low-affinity immunoglobulin gamma Fc receptors. CD32B has a cytoplasmic tail that contains an immunoreceptor tyrosine-based inhibition motif (ITIM), while CD32C contains an immunoreceptor tyrosine-based activation motif (ITAM). CD32B and CD32C are low affinity receptor for monomeric IgG but also bind IgG complexes. CD32B and CD32C are expressed on B cells, subsets of monocytes,macrophages and granulocytes, platelets, mast cells, and is a negative regulator of cell activation, proliferation, endocytosis, phagocytosis, and degranulation.

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