

32-9148: Recombinant Human Fc gamma RIIB/CD32b (C-His)

Alternative Name : Low Affinity Immunoglobulin Gamma Fc Region Receptor II-b; IgG Fc Receptor II-b; CDw32; Fc-Gamma RII-b; Fc-Gamma-RIIb; FcRII-b; CD32; CD32b; FCGR2B; FCG2; IGFR2

Description

Source : Human 293 Cells;

Fc gamma RIIB, also known as CD32b is a low-affinity receptor that recognizes the Fc portion of IgG. CD32b is expressed on both myeloid cells and lymphoid lineages as well as non-hematopoietic origin cells. CD32b has an intrinsic cytoplasmic immunoreceptor tyrosine-based inhibitory motif (ITIM) and triggers an inhibitory signal upon ligand binding. Ligation of CD32B on B cells down-regulates antibody production and can facilitate apoptosis in certain conditions. Co-ligation of CD32B on dendritic cells inhibits maturation and blocks cell activation. CD32B may be a potential target for monoclonal antibody therapy for malignancies.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 um filtered solution of PBS, pH7.4

Amino Acid : Recombinant Human Low Affinity Immunoglobulin Gamma Fc Region Receptor II-B is produced by our Mammalian expression system and the target gene encoding Thr43-Pro217 is expressed with a 6His tag at the C-terminus.