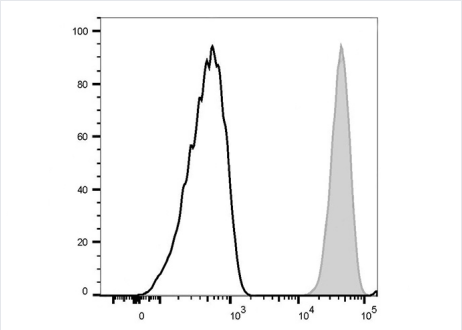
CD32 Antibody – Mouse

PRODUCT OVERVIEW

Product Name	CD32, Antibody
Full Product Name	PE Anti-Human CD32 Antibody [MDE-8]
Product Gene Name	anti-CD32 antibody
Product Synonym Names	FCR II; FcgammaRII
Isotype	IgG1, kappa
Clone Number	MDE-8
Host	Mouse
Species Reactivity	Human
Preparation and Storage	This product can be stored at 2-8 degree C for 12 months. Please protected from prolonged exposure to light and do not freeze.
Matching Pairs	Antibody: CD32 Clone #MDE-8 (MBS2585073) Isotype Control: IgG1, kappa Clone #MOPC-21 (MBS2557732)
Molecular Weight	35,578 Da
Chromosome Location	Chromosome: 1; NC_000001.10 (161551129..161571010). Location: 1q23.3
OMIM	612169
3D Structure	ModBase 3D Structure for P31995
Conjugation	PE
Product Categories/Family for anti-CD32 antibody	Antibodies and Reagents; Primary Antibodies; Flow Cytometry Antibodies
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-CD32 antibody	Flow Cytometry (FC/FACS)
Related Product Information for anti-CD32 antibody	MBS2585073 is an antibody targeting CD32. Also known as PE Anti-Human CD32 Antibody [MDE-8]. Reactive in Human. Host: Mouse.
Other Notes	Small volumes of anti-CD32 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Flow Cytometry (FC/FACS) of anti-CD32 antibody
Staining of normal human peripheral blood cells with PE Anti-Human CD32 Anyibody[MDE-8] (filled gray histogram) or PE Mouse IgG1, ? Isotype Control (empty black histogram). Cells in the granulocytes gate were used for analysis.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD32. It may not necessarily be applicable to this product.

NCBI GI #	2212
NCBI GeneID	9103
NCBI Accession #	P31995.1
UniProt Primary Accession #	P31995
UniProt Secondary Accession #	O00523; O00524; O00525
UniProt Related Accession #	P31995
NCBI Official Full Name	Low affinity immunoglobulin gamma Fc region receptor II-c
NCBI Official Synonym Full Names	Fc fragment of IgG, low affinity IIc, receptor for (CD32) (gene/pseudogene)
NCBI Official Symbol	FCGR2C
NCBI Official Synonym Symbols	CD32; FCG2; CD32C; CDW32; IGFR2; FCRIIC
UniProt Protein Name	Low affinity immunoglobulin gamma Fc region receptor II-c
UniProt Synonym Protein Names	CDw32; Fc-gamma RII-c
Protein Family	CD320 antigen
UniProt Gene Name	FCGR2C
UniProt Synonym Gene Names	CD32; FCG2; IGFR2; IgG Fc receptor II-c; Fc-gamma-RIIc; FcRII-c
UniProt Entry Name	FCG2C_HUMAN
NCBI Protein Information	low affinity immunoglobulin gamma Fc region receptor II-c; fc-gamma-RIIc; IgG Fc receptor II-c; Fc gamma receptor IIC; immunoglobulin G Fc receptor II-c
NCBI Summary for CD32	This gene encodes one of three members of a family of low-affinity immunoglobulin gamma Fc receptors found on the surface of many immune response cells. The encoded protein is a transmembrane glycoprotein and may be involved in phagocytosis and clearing of immune complexes. An allelic polymorphism in this gene results in both coding and non-coding variants. [provided by RefSeq, Apr 2012]

UniProt Comments for CD32	FCGR2C: a transmembrane receptor for the Fc region of complexed or aggregated immunoglobulin gamma (IgG). Involved in a variety of effector and regulatory functions such as phagocytosis of immune complexes and modulation of antibody production by B-cells. Binding to this receptor results in down modulation of previous state of cell activation triggered via antigen receptors on B cells, T cells or via another Fc receptor. Three splice-variant isoforms have been observed. Protein type: Immunoglobulin superfamily; Membrane protein, integral Chromosomal Location of Human Ortholog: 1q23.3 Cellular Component: cytoplasm; plasma membrane; integral to membrane Molecular Function: protein binding; transmembrane receptor activity; IgG binding Biological Process: immune response; signal transduction Disease: Thrombocytopenic Purpura, Autoimmune
Research Articles on CD32	**1.** Genomic pathology of SLE-associated copy-number variation at the FCGR2C/FCGR3B/FCGR2B locus.(28-40) Status: Complete Incomplete Delete
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