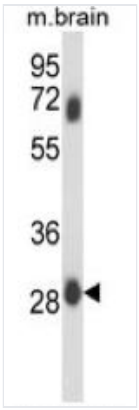
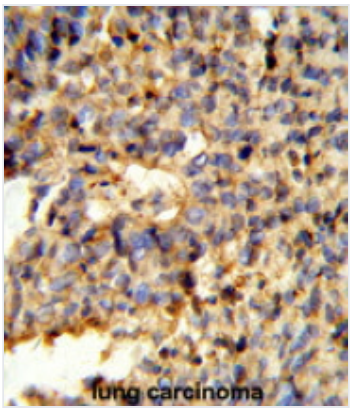
FCGR2C Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	FCGR2C, Polyclonal Antibody
Full Product Name	FCGR2C, CT (CD32, CDw32, Fc-gamma RII-c, Fc-gamma-RIIc, FcRII-c, Low Affinity Immunoglobulin gamma Fc Region Receptor II-c, IgG Fc Receptor II-c, CD32, FCG2, IGFR2) (Biotin)
Product Gene Name	anti-FCGR2C antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human FCGR2C. Species Crossreactivity: mouse
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	35.578
OMIM	612169
3D Structure	ModBase 3D Structure for P31995
Immunogen	KLH-conjugated synthetic peptide mapping to a fragment of residues within amino acids 281-307 in the C-terminal region of human FCGR2C, UniProt Accession #NP_001005410.2; P31995; P12318.
Conjugate	Biotin
Note	Preservative Free
Product Categories/Family for anti-FCGR2C antibody	Antibodies; Receptors
Applications Tested/Suitable for anti-FCGR2C antibody	Western Blot (WB), ELISA (EIA), Immunohistochemistry (IHC)
Application Notes for anti-FCGR2C antibody	WB: 1:100-1:500 ELISA: 1:1,000 Applications are based on unconjugated antibody.
Related Product Information for anti-FCGR2C antibody	MBS6475756 is an antibody targeting FCGR2C. Also known as FCGR2C, CT (CD32, CDw32, Fc-gamma RII-c, Fc-gamma-RIIc, FcRII-c, Low Affinity Immunoglobulin gamma Fc Region Receptor II-c, IgG Fc Receptor II-c, CD32, FCG2, IGFR2) (Biotin). Reactive in Human, Mouse. Host: Rabbit.
Product References and Citations for anti-FCGR2C antibody	1. Metes D., et.al., Blood 91:2369-2380(1998). 2. Stuart S.G., et.al., EMBO J. 8:3657-3666(1989).
Other Notes	Small volumes of anti-FCGR2C 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.



Western Blot (WB) of anti-FCGR2C antibody
Western Blot analysis in mouse brain tissue lysates (35ug/lane) usingMBS631339. FCGR2C (arrow) was detected usingF0025-92.



Immunohistochemistry (IHC) of anti-FCGR2C antibody
Immunohistochemistry analysis in formalin-fixed and paraffin-embedded human lung carcinoma usingMBS631339, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of MBS631339 for immunohistochemistry.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for FCGR2C. It may not necessarily be applicable to this product.

NCBI GI #	126116583
NCBI Accession #	NP_001005410.2
UniProt Primary Accession #	P31995
UniProt Secondary Accession #	P12318
UniProt Protein Name	Low affinity immunoglobulin gamma Fc region receptor II-c
UniProt Synonym Protein Names	CDw32; Fc-gamma RII-c
Protein Family	Low affinity immunoglobulin gamma Fc region receptor
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
UniProt Comments for FCGR2C	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
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