

**FCGR3B Antibody (Center) Blocking Peptide**  
Synthetic peptide  
Catalog # BP8628c**Specification**

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**FCGR3B Antibody (Center) Blocking Peptide - Product Information**Primary Accession [O75015](#)**FCGR3B Antibody (Center) Blocking Peptide - Additional Information**

Gene ID 2215

**Other Names**

Low affinity immunoglobulin gamma Fc region receptor III-B, Fc-gamma RIII-beta, Fc-gamma RIII, Fc-gamma RIIIb, FcRIII, FcRIIIb, FcR-10, IgG Fc receptor III-1, CD16b, FCGR3B, CD16B, FCG3, FCGR3, IGFR3

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP8628c](/products/AP8628c) was selected from the Center region of human FCGR3B. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**FCGR3B Antibody (Center) Blocking Peptide - Protein Information**

Name FCGR3B

Synonyms CD16B, FCG3, FCGR3, IGFR3

**Function**

Receptor for the Fc region of immunoglobulins gamma. Low affinity receptor. Binds complexed or aggregated IgG and also monomeric IgG. Contrary to III-A, is not capable to mediate antibody-dependent cytotoxicity and phagocytosis. May serve as a trap for immune complexes in the peripheral circulation which does not activate neutrophils.

**Cellular Location**

Cell membrane; Lipid-anchor, GPI-anchor. Secreted Note=Secreted after cleavage

**Tissue Location**

Expressed specifically by polymorphonuclear leukocytes (neutrophils). Also expressed by stimulated eosinophils

**FCGR3B Antibody (Center) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**FCGR3B Antibody (Center) Blocking Peptide - Images****FCGR3B Antibody (Center) Blocking Peptide - Background**

FCGR3B is a receptor for the Fc region of immunoglobulins gamma. Low affinity receptor. It binds complexed or aggregated IgG and also monomeric IgG. Contrary to III-A, is not capable to mediate antibody-dependent cytotoxicity and phagocytosis. It may serve as a trap for immune complexes in the peripheral circulation which does not activate neutrophils.

**FCGR3B Antibody (Center) Blocking Peptide - References**

Gessner, J.E., et.al., J. Biol. Chem. 270 (3), 1350-1361 (1995) Ho, Y.P., et.al., J. Clin. Periodontol. (2009)