

**FCGR2A Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP13724b****Specification**

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**FCGR2A Antibody (C-term) Blocking peptide - Product Information**Primary Accession [P12318](#)**FCGR2A Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 2212**Other Names**

Low affinity immunoglobulin gamma Fc region receptor II-a, IgG Fc receptor II-a, CDw32, Fc-gamma RII-a, Fc-gamma-RIIa, FcRII-a, CD32, FCGR2A, CD32, FCG2, FCGR2A1, IGFR2

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP13724b was selected from the C-term region of FCGR2A. 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.

**FCGR2A Antibody (C-term) Blocking peptide - Protein Information****Name** FCGR2A**Synonyms** CD32, FCG2, FCGR2A1, IGFR2**Function**

Binds to the Fc region of immunoglobulins gamma. Low affinity receptor. By binding to IgG it initiates cellular responses against pathogens and soluble antigens. Promotes phagocytosis of opsonized antigens.

**Cellular Location**

Cell membrane; Single-pass type I membrane protein

**Tissue Location**

Found on monocytes, neutrophils and eosinophil platelets

**FCGR2A Antibody (C-term) Blocking peptide - Protocols**

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

- [Blocking Peptides](#)

**FCGR2A Antibody (C-term) Blocking peptide - Images****FCGR2A Antibody (C-term) Blocking peptide - Background**

This gene encodes one member of a family of immunoglobulinFc receptor genes found on the surface of many immune response cells. The protein encoded by this gene is a cell surface receptor found on phagocytic cells such as macrophages and neutrophils, and is involved in the process of phagocytosis and clearing of immune complexes. Alternative splicing results in multiple transcript variants.

**FCGR2A Antibody (C-term) Blocking peptide - References**

Dornan, D., et al. Blood 116(20):4212-4222(2010) Zhang, C.Y., et al. J. Biol. Chem. 285(44):34250-34258(2010) Iwasaki, M., et al. Breast Cancer Res. Treat. (2010) In press :Ho-Pun-Cheung, A., et al. Pharmacogenomics J. (2010) In press :Sfar, I., et al. Arch Inst Pasteur Tunis 86 (1-4), 51-62 (2009) :