10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

FCGR1A Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP4930c

Specification

FCGR1A Antibody (Center) Blocking Peptide - Product Information

Primary Accession P12314

FCGR1A Antibody (Center) Blocking Peptide - Additional Information

Gene ID 2209

Other Names
High affinity immunoglobulin gamma Fc receptor I, IgG Fc receptor I, Fc-gamma RI, FcRI, Fc-gamma RIA, FcgammaRIa, CD64, FCGR1A, FCG1, FCGR1, IGFR1

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.

FCGR1A Antibody (Center) Blocking Peptide - Protein Information

Name FCGR1A

Synonyms FCG1, FCGR1, IGFR1

Function
High affinity receptor for the Fc region of immunoglobulins gamma. Functions in both innate and adaptive immune responses. Mediates IgG effector functions on monocytes triggering antibody-dependent cellular cytotoxicity (ADCC) of virus-infected cells.

Cellular Location
Cell membrane; Single-pass type I membrane protein Note=Stabilized at the cell membrane through interaction with FCER1G

Tissue Location
Monocyte/macrophage specific.

FCGR1A Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

FCGR1A Antibody (Center) Blocking Peptide - Images

FCGR1A Antibody (Center) Blocking Peptide - Background

FCGR1A encodes a protein that plays an important role in the immune response. This protein is a high-affinity Fc-gamma receptor. The gene is one of three related gene family members located on chromosome 1.

FCGR1A Antibody (Center) Blocking Peptide - References

Poon, I.K., et al. Blood 115(12):2473-2482(2010)Jung, S.T., et al. Proc. Natl. Acad. Sci. U.S.A. 107(2):604-609(2010)Hulse, K.E., et al. J. Allergy Clin. Immunol. 125(1):247-256(2010)