

FCGR1A Blocking Peptide (Center)
Synthetic peptide
Catalog # BP21448c**Specification**

FCGR1A Blocking Peptide (Center) - Product InformationPrimary Accession [P12314](#)**FCGR1A Blocking Peptide (Center) - 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

Target/Specificity

The synthetic peptide sequence is selected from aa 168-180 of HUMAN FCGR1A

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 Blocking Peptide (Center) - 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 Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

FCGR1A Blocking Peptide (Center) - Images

FCGR1A Blocking Peptide (Center) - Background

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FCGR1A Blocking Peptide (Center) - References

Allen J.M.,et al.Nucleic Acids Res. 16:11824-11824(1988).
Allen J.M.,et al.Science 243:378-381(1989).
Porges A.J.,et al.J. Clin. Invest. 90:2102-2109(1992).
Benech P.D.,et al.J. Exp. Med. 176:1115-1123(1992).
Gregory S.G.,et al.Nature 441:315-321(2006).