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FCGR1A Blocking Peptide (Center)

Synthetic peptide
Catalog # BP21448c

Specification

FCGR1A Blocking Peptide (Center) - Product Information

Primary 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.

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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

High affinity receptor for the Fc region of immunoglobulins gamma. Functions in both innate and adaptive immune responses.

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).