

FCGR1A Antibody - C-terminal region
Rabbit Polyclonal Antibody
Catalog # AI15043

Specification

FCGR1A Antibody - C-terminal region - Product Information

Application	WB
Primary Accession	P12314
Other Accession	NM_000566 , NP_000557
Reactivity	Human, Yeast
Predicted	Human, Yeast
Host	Rabbit
Clonality	Polyclonal
Calculated MW	43kDa KDa

FCGR1A Antibody - C-terminal region - Additional Information

Gene ID 2209

Alias Symbol CD64, CD64A, FCRI, FLJ18345, IGFR1

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

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-FCGR1A antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

FCGR1A Antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

FCGR1A Antibody - C-terminal region - 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

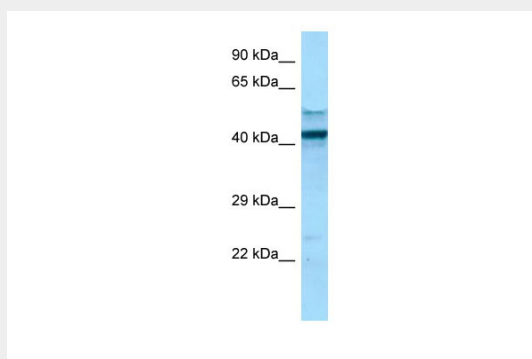
Tissue Location

Monocyte/macrophage specific.

FCGR1A Antibody - C-terminal region - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

FCGR1A Antibody - C-terminal region - Images

WB Suggested Anti-FCGR1A Antibody Titration: 1.0 µg/ml

Positive Control: NCI-H226 Whole Cell. FCGR1A is strongly supported by BioGPS gene expression data to be expressed in NCI-H226

FCGR1A Antibody - C-terminal region - 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).