

**FCGR1A Antibody (Center)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21448c**

**Specification**

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**FCGR1A Antibody (Center) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P12314</a>
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG

**FCGR1A Antibody (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**

This FCGR1A antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 168-200 amino acids from the Central region of human FCGR1A.

**Dilution**

WB~~1:2000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

FCGR1A Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

**FCGR1A Antibody (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

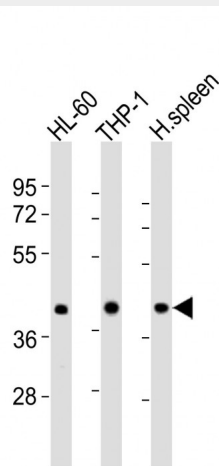
Monocyte/macrophage specific.

### FCGR1A Antibody (Center) - Protocols

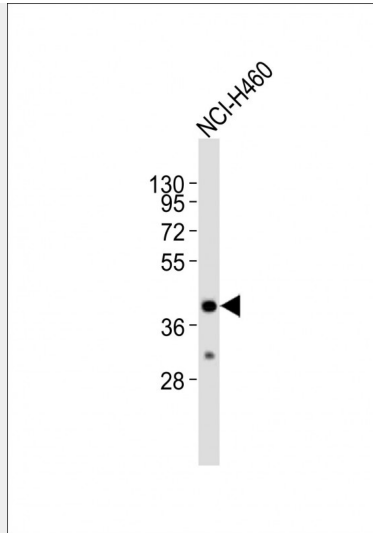
Provided below are standard protocols that you may find useful for product applications.

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

### FCGR1A Antibody (Center) - Images



All lanes : Anti-FCGR1A Antibody (Center) at 1:8000 dilution Lane 1: HL-60 whole cell lysates Lane 2: THP-1 whole cell lysates Lane 3: human spleen lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 43 kDa Blocking/Dilution buffer: 5% NFDN/TBST.



Anti-FCGR1A Antibody (Center) at 1:2000 dilution + NCI-H460 whole cell lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 43 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

#### **FCGR1A Antibody (Center) - Background**

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

#### **FCGR1A Antibody (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).