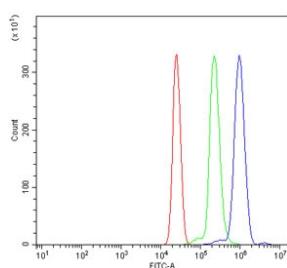


## FCGR1A Antibody / CD64 (RQ4109)

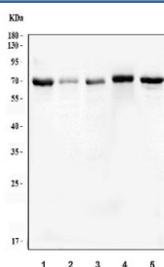
Catalog No.	Formulation	Size
RQ4109	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Rat
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	P12314
<b>Applications</b>	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This FCGR1A antibody is available for research use only.



Flow cytometry testing of human U937 cells with FCGR1A antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= FCGR1A antibody.



Western blot testing of 1) human SiHa, 2) human A431, 3) human HCCT, 4) human HeLa and 5) rat PC-12 cell lysate with FCGR1A antibody. Predicted molecular weight: 39-75 kDa depending on glycosylation level.

## Description

High affinity immunoglobulin gamma Fc receptor I, also called CD64, is a protein that in humans is encoded by the FCGR1A gene. It is mapped to 1q21.2. This gene 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.

## Application Notes

Optimal dilution of the FCGR1A antibody should be determined by the researcher.

## Immunogen

A recombinant human partial protein corresponding to amino acids Q16-H292 was used as the immunogen for the FCGR1A antibody.

## Storage

After reconstitution, the FCGR1A antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.