

## **FCGR2A Antibody (monoclonal) (M06)**

Mouse monoclonal antibody raised against a partial recombinant FCGR2A.

Catalog # AT2026a

### **Specification**

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#### **FCGR2A Antibody (monoclonal) (M06) - Product Information**

Application	WB, E
Primary Accession	<a href="#">P12318</a>
Other Accession	<a href="#">BC020823</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	35001

#### **FCGR2A Antibody (monoclonal) (M06) - Additional Information**

**Gene ID** 2212

##### **Other Names**

Low affinity immunoglobulin gamma Fc region receptor II-a, IgG Fc receptor II-a, CDw32, Fc-gamma RII-a, Fc-gamma-RIIa, FcRII-a, CD32, FCGR2A, CD32, FCG2, FCGR2A1, IGFR2

##### **Target/Specificity**

FCGR2A (AAH20823, 46 a.a. ~ 150 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

##### **Dilution**

WB~~1:500~1000

##### **Format**

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

##### **Storage**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

##### **Precautions**

FCGR2A Antibody (monoclonal) (M06) is for research use only and not for use in diagnostic or therapeutic procedures.

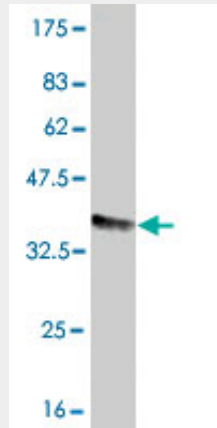
#### **FCGR2A Antibody (monoclonal) (M06) - Protocols**

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

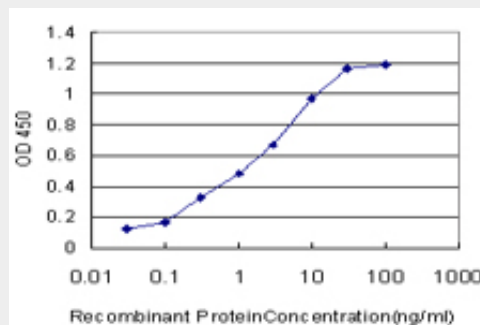
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### FCGR2A Antibody (monoclonal) (M06) - Images



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.29 KDa) .



Detection limit for recombinant GST tagged FCGR2A is approximately 0.03ng/ml as a capture antibody.

### FCGR2A Antibody (monoclonal) (M06) - Background

This gene encodes one member of a family of immunoglobulin Fc receptor genes found on the surface of many immune response cells. The protein encoded by this gene is a cell surface receptor found on phagocytic cells such as macrophages and neutrophils, and is involved in the process of phagocytosis and clearing of immune complexes. Alternative splicing results in multiple transcript variants.

### FCGR2A Antibody (monoclonal) (M06) - References

Functional polymorphisms of PTPN22 and FcγR genes in Tunisian patients with rheumatoid arthritis. Sfar I, et al. Arch Inst Pasteur Tunis, 2009. PMID 20707220. Effect of FCGR2A and FCGR3A variants on CLL outcome. Dornan D, et al. Blood, 2010 Aug 12. PMID 20705761. Fragment c gamma receptor gene polymorphisms and breast cancer risk in case-control studies in Japanese, Japanese Brazilians, and non-Japanese Brazilians. Iwasaki M, et al. Breast Cancer Res Treat, 2010 Aug 10. PMID 20697800. A large-scale candidate gene approach identifies SNPs in SOD2 and IL13 as predictive markers of response to preoperative chemoradiation in rectal cancer. Ho-Pun-Cheung A, et al. Pharmacogenomics J, 2010 Jul 20. PMID 20644561. Vaccine-induced IgG2 anti-HIV p24 is

associated with control of HIV in patients with a 'high-affinity' FcγRIIIa genotype. French MA, et al. AIDS, 2010 Aug 24. PMID 20634666.