

FCGR2A Antibody (monoclonal) (M06)

Mouse monoclonal antibody raised against a partial recombinant FCGR2A.

Catalog # AT2026a

Specification

FCGR2A Antibody (monoclonal) (M06) - Product Information

| | |
|-------------------|--------------------------|
| Application | WB, E |
| Primary Accession | P12318 |
| Other Accession | BC020823 |
| 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.

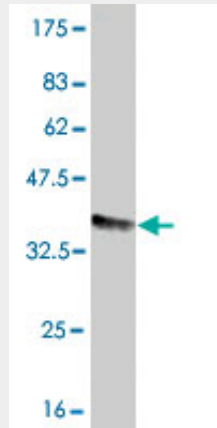
FCGR2A Antibody (monoclonal) (M06) - Protocols

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

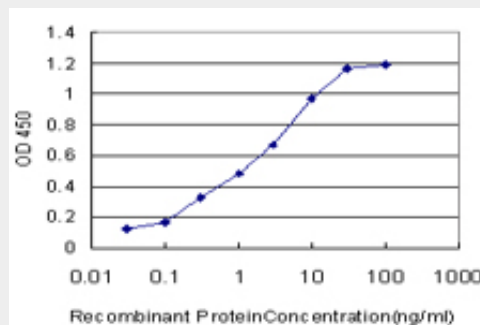
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [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.