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GATA3 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant GATA3.
Catalog # AT2162a

Specification

GATA3 Antibody (monoclonal) (M02) - Product Information

Application	**WB, E**
Primary Accession	P23771
Other Accession	NM_001002295
Reactivity	**Human**
Host	**mouse**
Clonality	**Monoclonal**
Isotype	**IgG2a Kappa**
Calculated MW	**47916**

GATA3 Antibody (monoclonal) (M02) - Additional Information

Gene ID 2625

Other Names
Trans-acting T-cell-specific transcription factor GATA-3, GATA-binding factor 3, GATA3

Target/Specificity
GATA3 (NP_001002295.1, 103 a.a. ~ 200 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
GATA3 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

GATA3 Antibody (monoclonal) (M02) - Protocols

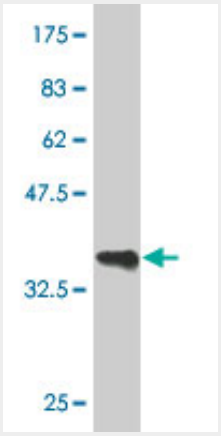
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry

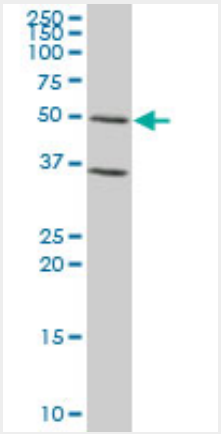
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- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

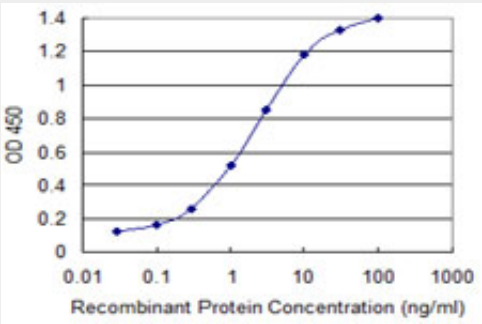
GATA3 Antibody (monoclonal) (M02) - Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (36.52 KDa) .



GATA3 monoclonal antibody (M02), clone 2H5 Western Blot analysis of GATA3 expression in A-431 ((Cat # AT2162a)



Detection limit for recombinant GST tagged GATA3 is 0.03 ng/ml as a capture antibody.

GATA3 Antibody (monoclonal) (M02) - Background

This gene encodes a protein which belongs to the GATA family of transcription factors. The protein

contains two GATA-type zinc fingers and is an important regulator of T-cell development and plays an important role in endothelial cell biology. Defects in this gene are the cause of hypoparathyroidism with sensorineural deafness and renal dysplasia.

GATA3 Antibody (monoclonal) (M02) - References

Interleukin-9 polymorphism in infants with respiratory syncytial virus infection: an opposite effect in boys and girls. Schuurhof A, et al. Pediatr Pulmonol, 2010 Jun. PMID 20503287.GATA3 siRNA inhibits the binding of NFAT1 to interleukin-13 promoter in human T cells. Yao X, et al. Chin Med J (Engl), 2010 Mar 20. PMID 20368097.New genetic associations detected in a host response study to hepatitis B vaccine. Davila S, et al. Genes Immun, 2010 Apr. PMID 20237496.Lck mediates Th2 differentiation through effects on T-bet and GATA-3. Kemp KL, et al. J Immunol, 2010 Apr 15. PMID 20237292.GATA3 inhibits breast cancer metastasis through the reversal of epithelial-mesenchymal transition. Yan W, et al. J Biol Chem, 2010 Apr 30. PMID 20189993.