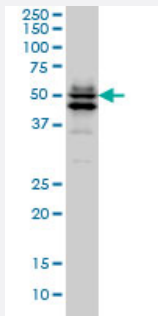


GATA2 monoclonal antibody (M02), clone 1G5

Catalog # H00002624-M02

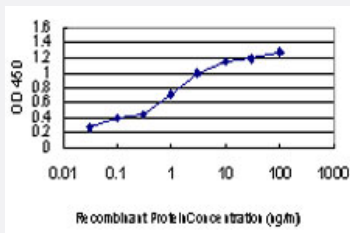
Size 100 ug

Applications



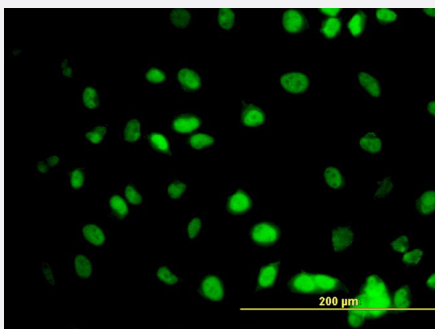
Western Blot (Cell lysate)

GATA2 monoclonal antibody (M02), clone 1G5 Western Blot analysis of GATA2 expression in HeLa S3 NE (Cat # L013V3).



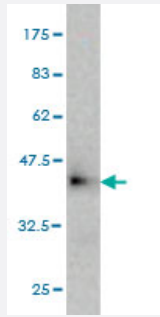
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GATA2 is approximately 0.03ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to GATA2 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (36.96 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant GATA2.
Immunogen	GATA2 (AAH18988, 1 a.a. ~ 102 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEVAPEQPRWMAHPAVLNAQHPDSSHHPGLAHNYMEPAQLLPDEVDFVFNHLD SQGNPYAN PAHARARVSYP AHARLTGGQMCRPHLLHSPGLPWLDGGK
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.96 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)
GATA2 monoclonal antibody (M02), clone 1G5 Western Blot analysis of GATA2 expression in Hela S3 NE (Cat # L013V3).
[Protocol Download](#)
- Western Blot (Recombinant protein)
[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GATA2 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA
- Immunofluorescence

Immunofluorescence of monoclonal antibody to GATA2 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — GATA2

Entrez GeneID [2624](#)

GeneBank Accession# [BC018988](#)

Protein Accession# [AAH18988](#)

Gene Name GATA2

Gene Alias MGC2306, NFE1B

Gene Description GATA binding protein 2

Omim ID [137295](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the GATA family of zinc-finger transcription factors that are named for the consensus nucleotide sequence they bind in the promoter regions of target genes. The encoded protein plays an essential role in regulating transcription of genes involved in the development and proliferation of hematopoietic and endocrine cell lineages. Alternative splicing results in multiple transcript variants

Other Designations GATA-binding protein 2

Disease

- [Blast Crisis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)

- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hematologic Neoplasms](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Nasal Polyps](#)
- [Parkinson Disease](#)