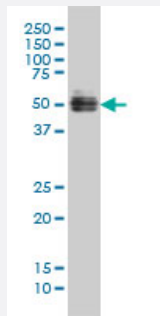


GATA2 monoclonal antibody (M01), clone 2D11

Catalog # H00002624-M01

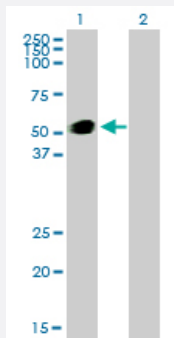
Size 100 ug

Applications



Western Blot (Cell lysate)

GATA2 monoclonal antibody (M01), clone 2D11 Western Blot analysis of GATA2 expression in HeLa S3 NE (Cat # L013V3).

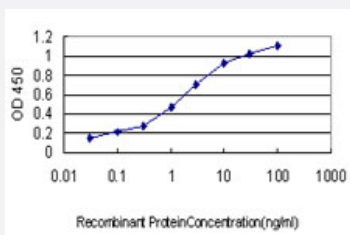


Western Blot (Transfected lysate)

Western Blot analysis of GATA2 expression in transfected 293T cell line by GATA2 monoclonal antibody (M01), clone 2D11.

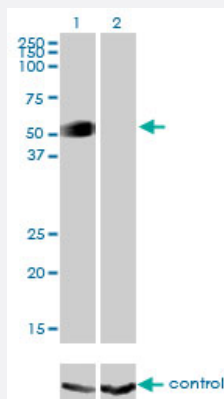
Lane 1: GATA2 transfected lysate(50.5 KDa).

Lane 2: Non-transfected lysate.



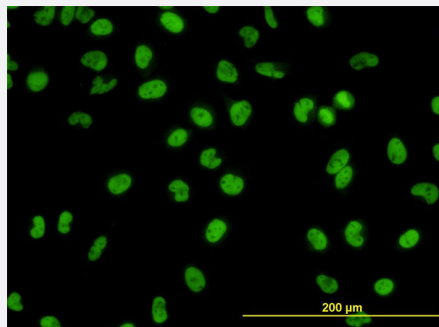
Sandwich ELISA (Recombinant protein)

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



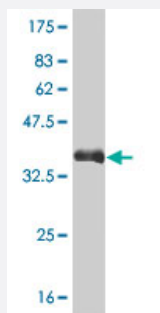
RNAi Knockdown (Antibody validated)

Western blot analysis of GATA2 over-expressed 293 cell line, cotransfected with GATA2 Validated Chimera RNAi (Cat # H00002624-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with GATA2 monoclonal antibody (M01), clone 2D11 (Cat # H00002624-M01). GAPDH (36.1 kDa) used as specificity and loading control.



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	MEVAPEQPRWMAHPAVLNAQHPDSHHPGLAHNYMEPAQLLPDEVDVFFNHLDSQGNPYAN PAHARARVSYPAHARLTGGQMCRPHLLHSPGLPWLDGGK
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 (M01), clone 2D11 Western Blot analysis of GATA2 expression in Hela S3 NE (Cat # L013V3).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of GATA2 expression in transfected 293T cell line by GATA2 monoclonal antibody (M01), clone 2D11.

Lane 1: GATA2 transfected lysate(50.5 KDa).

Lane 2: Non-transfected lysate.

[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

- RNAi Knockdown (Antibody validated)

Western blot analysis of GATA2 over-expressed 293 cell line, cotransfected with GATA2 Validated Chimera RNAi (Cat # H00002624-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with GATA2 monoclonal antibody (M01), clone 2D11 (Cat # H00002624-M01). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

- 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

Publication Reference

- [Single-cell epigenomic variability reveals functional cancer heterogeneity.](#)

Litzenburger UM, Buenrostro JD, Wu B, Shen Y, Sheffield NC, Kathiria A, Greenleaf WJ, Chang HY.
Genome Biology 2017 Jan; 18(1):15.

Application: Flow Cyt, Human, K-562 cells

Disease

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- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)

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- [Nasal Polyps](#)
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