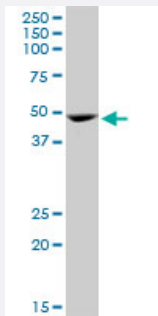


GATA1 monoclonal antibody (M06), clone 3G6

Catalog # H00002623-M06

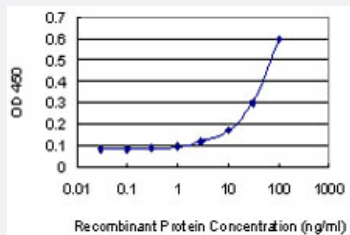
Size 100 ug

Applications



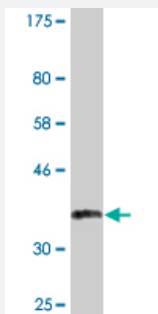
Western Blot (Cell lysate)

GATA1 monoclonal antibody (M06), clone 3G6. Western Blot analysis of GATA1 expression in Jurkat (Cat # L017V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GATA1 is 3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (34.21 KDa).

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant GATA1.

Immunogen	GATA1 (ENSP00000365858, 123 a.a. ~ 199 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	DLDGKGSTSFLETLKTERLSPDLLTLGPALPSSLPVPNSAYGGPDFSSTFFSPTGSPLNSAAYSS PKLRGTLPLPPC
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (75); Rat (78)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (34.21 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)

GATA1 monoclonal antibody (M06), clone 3G6. Western Blot analysis of GATA1 expression in Jurkat(Cat # L017V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GATA1 is 3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — GATA1

Entrez GeneID [2623](#)

GeneBank Accession#	NM_002049
Protein Accession#	ENSP00000365858
Gene Name	GATA1
Gene Alias	ERYF1, GF-1, GF1, NFE1
Gene Description	GATA binding protein 1 (globin transcription factor 1)
Omim ID	190685 300367 305371
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein which belongs to the GATA family of transcription factors. The protein plays an important role in erythroid development by regulating the switch of fetal hemoglobin to adult hemoglobin. Mutations in this gene have been associated with X-linked dyserythropoietic anemia and thrombocytopenia. [provided by RefSeq]
Other Designations	GATA binding protein 1 NF-E1 DNA-binding protein OTTHUMP00000023259 erythroid transcription factor 1 globin transcription factor 1 transcription factor GATA1

Disease

- [Alzheimer disease](#)
- [Cerebral Amyloid Angiopathy](#)
- [Down Syndrome](#)
- [Genetic Predisposition to Disease](#)
- [Leukemia](#)
- [Myeloproliferative Disorders](#)
- [Neuroblastoma](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Thrombocythemia](#)