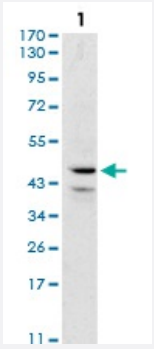
GATA1 monoclonal antibody, clone 4G1

Catalog # MAB17697 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of K562 cell with GATA1 monoclonal antibody.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human GATA1.
Immunogen	Recombinant protein corresponding to human GATA1 from *E. coli*.
Host	Mouse
Theoretical MW (kDa)	42.7
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry Immunocytochemistry Immunohistochemistry Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites (0.03% sodium azide).

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Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

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Gene Info — GATA1

Entrez GeneID	2623
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 protei n plays an important role in erythroid development by regulating the switch of fetal hemoglobin to a dult hemoglobin. Mutations in this gene have been associated with X-linked dyserythropoietic ane mia and thrombocytopenia. [provided by RefSeq
Other Designations	GATA binding protein 1|NF-E1 DNA-binding protein|OTTHUMP00000023259|erythroid transcript ion factor 1|globin transcription factor 1|transcription factor GATA1

Disease

- Alzheimer disease
- Cerebral Amyloid Angiopathy
- Down Syndrome
- Genetic Predisposition to Disease

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- Leukemia
- Myeloproliferative Disorders
- Neuroblastoma
- Pancreatic cancer
- Pancreatic Neoplasms
- Thrombocythemia

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