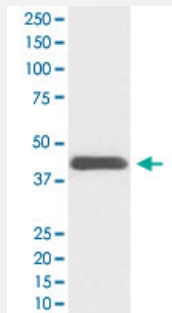


GATA1 monoclonal antibody, clone ABCB-7

Catalog # MAB20075

Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of K562 cell lysate with GATA1 monoclonal antibody, clone ABCB-7 (Cat # MAB20075).

Specification

Product Description Rabbit monoclonal antibody raised against synthetic peptide of human GATA1.

Immunogen A synthetic peptide corresponding to human GATA1.

Host Rabbit

Theoretical MW (kDa) 42.751

Reactivity Human

Form Liquid

Purification Affinity purification

Isotype IgG

Recommend Usage

- ChIP
- Immunocytochemistry (1:50-1:200)
- Immunofluorescence (1:50-1:200)
- Immunohistochemistry (1:50-1:200)
- Immunoprecipitation (1:50)
- Western Blot (1:500-1:2000)

The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- ChIP
- Western Blot (Cell lysate)
Western Blot analysis of K562 cell lysate with GATA1 monoclonal antibody, clone ABCB-7 (Cat # MAB20075).
- Immunohistochemistry
- Immunocytochemistry
- Immunofluorescence
- Immunoprecipitation

Gene Info — GATA1

Entrez GeneID	2623
Protein Accession#	P15976
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 a 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](#)