

GATA1 rabbit monoclonal antibody

Catalog # H00002623-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human GATA1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human GATA1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human GATA1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — GATA1

Entrez GeneID	2623
GeneBank Accession#	GATA1
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

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- [Neuroblastoma](#)
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- [Pancreatic Neoplasms](#)

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