

Anti-GATA1 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

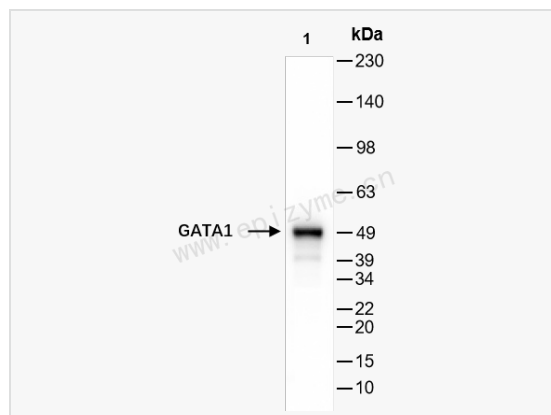
Catalog # R010473

Product Information

Application	WB, ELISA
Reactivity	Human
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	41M35L70
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human GATA1
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-GATA1 Rabbit mAb [41M35L70] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	Anemia, X-linked, without thrombocytopenia, included; ERYF 1; Eryf1; Erythroid transcription factor; Erythroid transcription factor 1; GATA 1; GATA binding factor 1; GATA binding protein 1 (globin transcription factor 1); GATA binding protein 1; GATA-1; GATA-binding factor 1; GATA1; GATA1_HUMAN; GF 1; GF-1; GF1; Globin transcription factor 1; NF E1; NF E1 DNA binding protein; NF-E1 DNA-binding protein; NFE 1; NFE1; Nuclear factor erythroid 1; Transcription factor GATA1; XLANP; XLTDA; XLTT.
Calculated MW	Calculated MW: 43 kDa; Observed MW: 49 kDa
Uniprot ID	P15976
Gene ID	2623
Background	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, Jul 2008]
Cellular Location	Nucleus.
Tissue Location	Erythrocytes.



Western Blot - Anti-GATA1 Rabbit mAb [41M35L70]

All lanes: R010473 at 1:2,000 dilution

Lane 1: K562 (Human chronic myeloid leukemia cell) whole cell lysates

Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 43 kDa

Observed band size: 49 kDa

Developed using the ECL technique (Cat. No. SQ201).