

GATA-1 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0606
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human GATA-1 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, IHC-p, IF, ICC, ELISA
Concentration	1 mg/ml
Full name	Erythroid transcription factor
Synonyms	GATA1; ERYF1; GF1; Erythroid transcription factor; Eryf1; GATA-binding factor 1; GATA-1; GF-1; NF-E1 DNA-binding protein

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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.

Recommended Dilution

ELISA: 1:10000

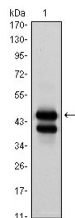
IF: 1:200 - 1:1000

IHC: 1:200 - 1:1000

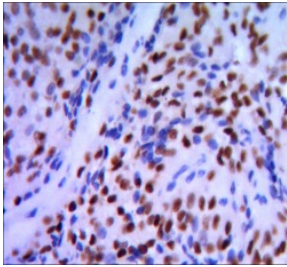
WB: 1:500 - 1:2000

Not yet tested in other applications.

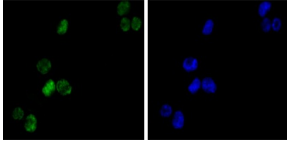
Images



Western Blot analysis using GATA-1 Monoclonal antibody against K562 (1) cell lysate.



Immunohistochemistry analysis of paraffin-embedded pancreatic cancer, with DAB staining using GATA-1 Monoclonal antibody.



Immunofluorescence analysis of K562(left) cells using GATA-1 Monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye.

Storage

-20°C for one year

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