

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

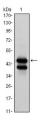
This gene encodes a protein which belongs to the GATA family of transcription factors. The protein plays an important role in erythroid development by regulating the switch of fetal hemoglobin to adult hemoglobin. Mutations in this gene have been associated with X-linked dyserythropoietic anemia and thrombocytopenia.

Recommended Dilution

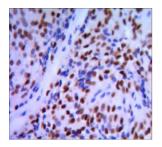
ELISA: 1:10000 IF: 1:200 - 1:1000 IHC: 1:200 - 1:1000 WB: 1:500 - 1:2000

Not yet tested in other applications.

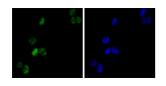
Images



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



 $Immun ohist ochemistry\ analysis\ of\ paraffin-embedded\ pancreatic\ cancer,\ with\ DAB\ staining\ using\ GATA-1\ Monoclonal\ antibody.$



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

Storage

-20°C for one year

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