

GATA1 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4017
Host	Mouse
Isotype	Mouse IgG2b
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human GATA1 expressed in E. Coli.
Mol wt	42.7kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB,IHC,ICC
Concentration	N/A
Full name	N/A
Synonyms	GF1;GF-1;NFE1;XLTT;ERYF1;GATA-1;GATA1

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

Background

erythroid specific transcription factor,GATA sequence binding protein (same as EryF1,NF-E1,EF-1,EF gamma-a,GF1),expressed in RBC,mast cell,megakaryocyte,hematopoietic progenitor cell,testis,associated with a special class of nuclear bodies,activated by erythropoietin,inactivated by coactivation of DEATH receptors (TNFRSF6) mediated caspase cleavage Tissue specificity: Erythrocytes

Recommended Dilution

WB: 1:500 - 1:2000

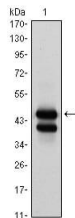
IHC-p: 1:200 - 1:1000

ICC: 1:200 - 1:1000

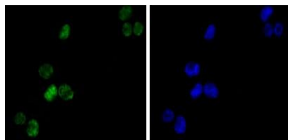
ELISA: 1:10000

Not yet tested in other applications.

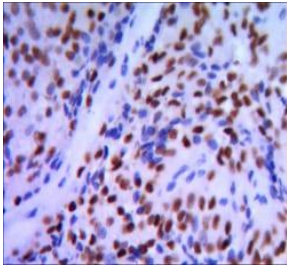
Images



Western blot analysis using GATA1 mouse mAb against K562 (1) cell lysate.



Immunofluorescence analysis of K562(left) cells using GATA1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



Immunohistochemical analysis of paraffin-embedded pancreatic cancer, using GATA1 mouse mAb with DAB staining.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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