

Mouse anti-Human GATA1 Antibody | anti-GATA1 antibody

GATA1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108674	Mouse	Human	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

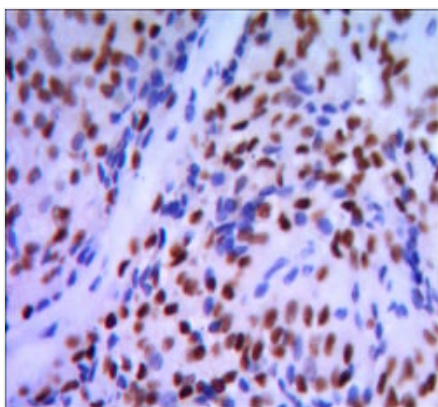
PRODUCT SYNONYMS

GATA1; GATA1 Antibody; 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; anti-GATA1 antibody

PRODUCT SPECIFICATIONS

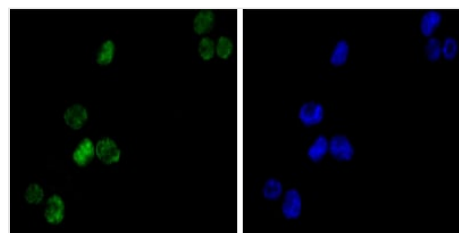
Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	4F5
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	413
Applicable Applications for anti-GATA1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human VCAM1 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C.

IMAGES



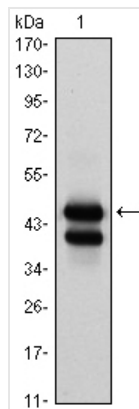
IHC (Immunohistochemistry)

Figure 3: Immunohistochemical analysis of paraffin-embedded pancreatic cancer, using GATA1 mouse mAb with DAB staining.



IF (Immunofluorescence)

Figure 2: Immunofluorescence analysis of K562(left) cells using GATA1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Product Categories/Family for anti-GATA1 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503925
NCBI GeneID	2623
NCBI Accession #	NP_002040.1
NCBI GenBank Nucleotide #	NM_002049.3
UniProt Accession #	P15976; Q96GB8
Molecular Weight	42.7
NCBI Official Full Name	erythroid transcription factor
NCBI Official Synonym Full Names	GATA binding protein 1
NCBI Official Symbol	GATA1
NCBI Official Synonym Symbols	GF1; GF-1; NFE1; XLTT; ERYF1; NF-E1; XLANP; XLTDA; GATA-1
NCBI Protein Information	erythroid transcription factor
UniProt Protein Name	Erythroid transcription factor
UniProt Gene Name	GATA1
UniProt Synonym Gene Names	ERYF1; GF1; GATA-1; GF-1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/mouse-human-antibody/gata1/108674>