

**Product Name: GATA1 Mouse Monoclonal Antibody**  
**Catalog #: AMM80847**



## Summary

<b>Production Name</b>	GATA1 Mouse Monoclonal Antibody
<b>Description</b>	Mouse Monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,IHC,ICC,ELISA
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG2b
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide.
<b>Purification</b>	Affinity Purification

## Immunogen

<b>Gene Name</b>	GATA1
<b>Alternative Names</b>	GF1; GF-1; NFE1; XLTT; ERYF1; GATA-1; GATA1
<b>Gene ID</b>	2623.0
<b>SwissProt ID</b>	P15976.Purified recombinant fragment of human GATA1 expressed in E. Coli.

## Application

<b>Dilution Ratio</b>	WB:1:500-1:2000,IHC:1:200-1:1000,ICC:1:200-1:1000,ELISA:1:10000
<b>Molecular Weight</b>	42.7kDa

## Background

erythroid specific transcription factor,GATA sequence binding protein (same as EryF1,NF-E1,EF-1,EF gamma-

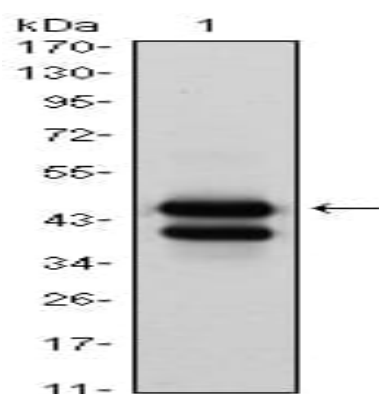
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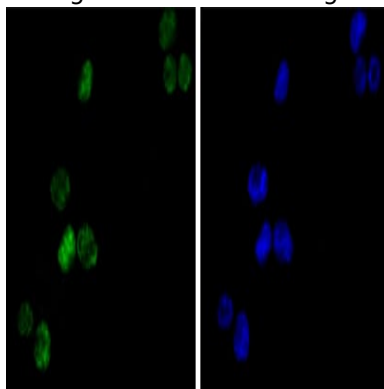
a,GF1),expressed in RBC,mast cell,megakaryocyte,hematopoietic progenitor cell,testis,associated with a special class of nuclear bodies,activated by erythropoietin,inactivated by coactivation of DEATH receptors (TNFRSF6) mediated caspase cleavage Tissue specificity: Erythrocytes

## Research Area

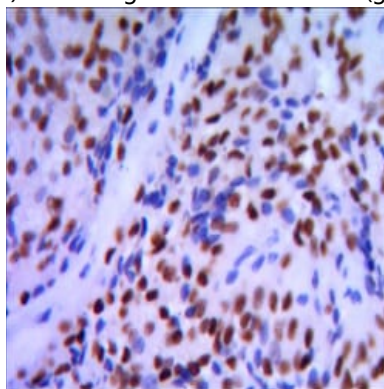
## Image Data



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 human pancreatic cancer, using GATA1 mouse mAb with DAB staining.

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**Note**

For research use only.