Product Name: GATA1 Rabbit Monoclonal Antibody
Catalog #: AMRe01419

Summary

Production Name	GATA1 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,ICC/IF,IP,ChIP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	GATA1
Alternative Names	GATA1; ERYF1; GF1; Erythroid transcription factor; Eryf1; GATA-binding factor 1; GATA-1; GF-1; NF-E1 DNA-binding protein
Gene ID	2623
SwissProt ID	P15976

Application

Dilution Ratio	WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20 ChIP: 1/20
Molecular Weight	Calculated MW: 43 kDa; Observed MW: 43 kDa

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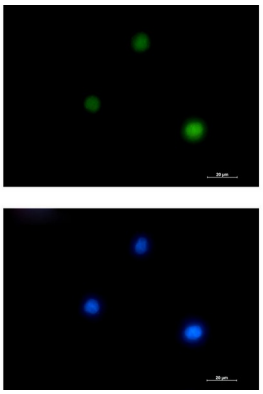
Background

GATA-1 is the founding member of the GATA family and is required for erythroid and megakaryocytic cell development. Mutations in GATA-1 have been linked to many human diseases, including acute megakaryoblastic leukemia in Down syndrome children (DS-AMKL), X-linked thrombocytopenia, and gray platelet syndrome.

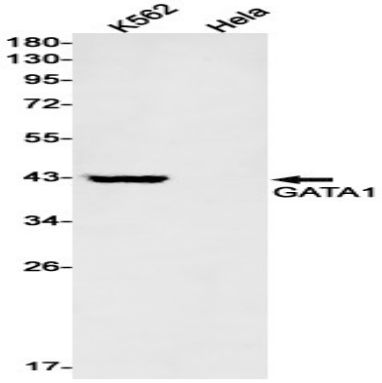
Research Area

Epigenetics and Nuclear Signaling

Image Data



Immunocytochemistry analysis of GATA1 (green) in K562 using GATA1 antibody,and DAPI(blue).



Western blot analysis of GATA1 in K562, Hela lysates using GATA1 antibody.

Note

For research use only.