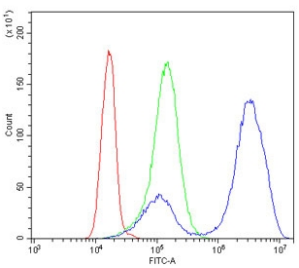
GATA1 Antibody (RQ5726)

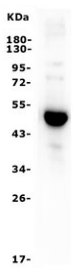
Catalog No.	Formulation	Size
RQ5726	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	P15976
Applications	Western blot: 0.5-1ug/ml Flow cytometry: 1-3ug/million cells Direct ELISA: 0.1-0.5ug/ml
Limitations	This GATA1 antibody is available for research use only.



Flow cytometry testing of human K562 cells with GATA1 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= GATA1 antibody.



Western blot testing of human K562 lysate with GATA1 antibody. Predicted molecular weight ~43 kDa.

Description

GATA-binding factor 1 or GATA-1 (also termed Erythroid transcription factor) is the founding member of 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.

Explore our GATA1 Antibody / Hematopoietic Transcription Factor Antibody page to learn more about this master regulator of hematopoietic differentiation, erythropoiesis, and blood cell development.

Application Notes

Optimal dilution of the GATA1 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids M1-E203) was used as the immunogen for the GATA1 antibody.

Storage

After reconstitution, the GATA1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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