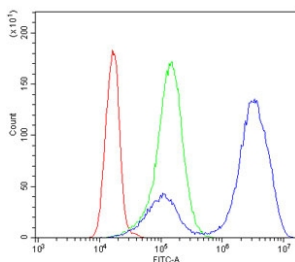


## GATA1 Antibody (RQ5726)

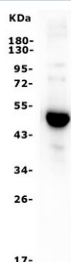
Catalog No.	Formulation	Size
RQ5726	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
<b>UniProt</b>	P15976
<b>Applications</b>	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	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.

## 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 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.