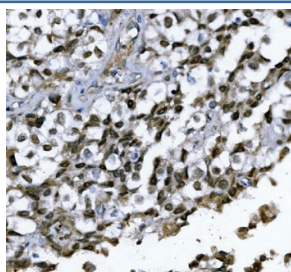


GATA1 Antibody (RQ6768)

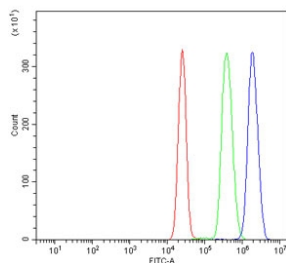
Catalog No.	Formulation	Size
RQ6768	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

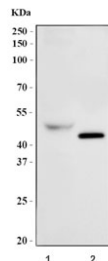
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P15976
Localization	Nuclear
Applications	Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This GATA1 antibody is available for research use only.



IHC staining of FFPE human testis tissue with GATA1 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



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 1) human K562 and 2) mouse testis tissue 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 A58-R317) 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.