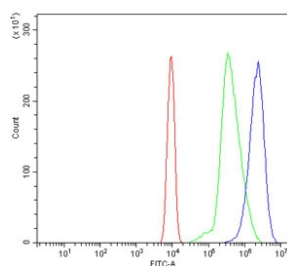


Gbp4 Antibody / Guanylate-binding protein 4 (RQ6554)

Catalog No.	Formulation	Size
RQ6554	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q61107
Applications	Western Blot : 1-2ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This Gbp4 antibody is available for research use only.



Flow cytometry testing of mouse ANA-1 cells with Gbp4 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Gbp4 antibody.



Western blot testing of mouse lung tissue lysate with Gbp4 antibody. Predicted molecular weight ~73 kDa.

Description

Guanylate binding protein 4 is a protein in humans that is encoded by the GBP4 gene. Guanylate-binding protein 4, Binds GTP, GDP and GMP. Hydrolyzes GTP very efficiently; GDP rather than GMP is the major reaction product. Plays a role in erythroid differentiation.

Application Notes

Optimal dilution of the Gbp4 antibody should be determined by the researcher.

Immunogen

An E. coli-derived mouse protein (amino acids E9-G277) was used as the immunogen for the Gbp4 antibody.

Storage

After reconstitution, the Gbp4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.