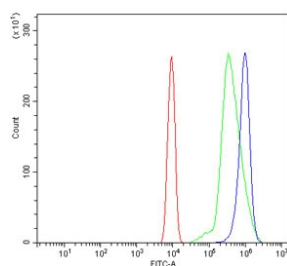


Gbp2 Antibody / Guanylate-binding protein 2 (RQ6553)

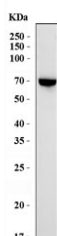
Catalog No.	Formulation	Size
RQ6553	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[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	Q9Z0E6
Applications	Western Blot : 1-2ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This Gbp2 antibody is available for research use only.



Flow cytometry testing of mouse ANA-1 cells with Gbp2 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Gbp2 antibody.



Western blot testing of mouse lung tissue lysate with Gbp2 antibody. Predicted molecular weight ~67 kDa.

Description

Interferon-induced guanylate-binding protein 2 is a protein that in humans is encoded by the GBP2 gene. This gene belongs to the guanine-binding protein (GBP) family, which includes interferon-induced proteins that can bind to guanine nucleotides (GMP, GDP and GTP). The encoded protein is a GTPase which hydrolyzes GTP, predominantly to GDP. The protein may play a role as a marker of squamous cell carcinomas.

Application Notes

Optimal dilution of the Gbp2 antibody should be determined by the researcher.

Immunogen

An E. coli-derived mouse protein (amino acids R181-L589) was used as the immunogen for the Gbp2 antibody.

Storage

After reconstitution, the Gbp2 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.