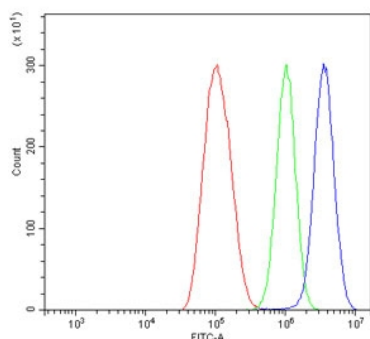


IRF7 Antibody / Interferon Regulatory Factor 7 (RQ6717)

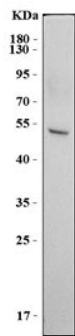
Catalog No.	Formulation	Size
RQ6717	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	Q92985
Applications	Western blot : 1-2ug/ml Flow cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
Limitations	This IRF7 antibody is available for research use only.



Flow cytometry testing of human ThP-1 cells with IRF7 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= IRF7 antibody.



Western blot testing of human HEK293 cell lysate with IRF7 antibody. Predicted molecular weight ~54 kDa but may be observed at higher molecular weights due to phosphorylation.

Description

Interferon regulatory factor 7, also known as IRF7, is a member of the interferon regulatory factor family of transcription factors. This gene is mapped to 11p15.5. IRF7 has been shown to play a role in the transcriptional activation of virus-inducible cellular genes, including interferon beta chain genes. Inducible expression of IRF7 is largely restricted to lymphoid tissue. Multiple IRF7 transcript variants have been identified, although the functional consequences of these have not yet been established.

Application Notes

Optimal dilution of the IRF7 antibody should be determined by the researcher.

Immunogen

Recombinant human protein (amino acids E82-A419) was used as the immunogen for the IRF7 antibody.

Storage

After reconstitution, the IRF7 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.