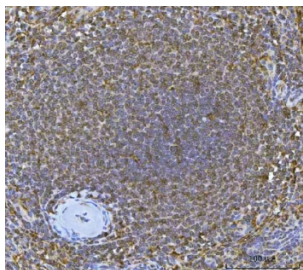


## Interferon regulatory factor 7 Antibody / IRF7 (RQ7267)

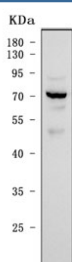
Catalog No.	Formulation	Size
RQ7267	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

**Bulk quote request**

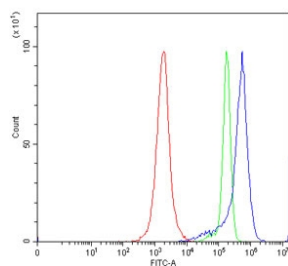
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	Q92985
<b>Applications</b>	Western Blot : 0.5-1ug/ml Immunohistochemistry (FFPE) : 2-5ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This Interferon regulatory factor 7 antibody is available for research use only.



IHC staining of FFPE human spleen tissue with Interferon regulatory factor 7 antibody. HIER: boil tissue sections in pH8 EDTA for 20 min and allow to cool before testing.



Western blot testing of human 293T cell lysate with Interferon regulatory factor 7 antibody. Predicted molecular weight ~54 kDa but may be observed at higher molecular weights due to phosphorylation.



Flow cytometry testing of human JK cells with Interferon regulatory factor 7 antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= Interferon regulatory factor 7 antibody.

## Description

Interferon regulatory factor 7, also known as IRF7, is a member of the interferon regulatory factor family of transcription factors. This gene encodes interferon regulatory factor 7, a member of the interferon regulatory transcription factor (IRF) family. It 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. The encoded protein plays an important role in the innate immune response against DNA and RNA viruses.

## Application Notes

Optimal dilution of the Interferon regulatory factor 7 antibody should be determined by the researcher.

## Immunogen

Recombinant human protein (amino acids Y27-A503) was used as the immunogen for the Interferon regulatory factor 7 antibody.

## Storage

After reconstitution, the Interferon regulatory factor 7 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.