

Datasheet for ABIN2666230

anti-IRF9 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	IRF9
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IRF9 antibody is un-conjugated
Application:	Flow Cytometry (FACS)

Product Details

Clone:	5A3A39
Isotype:	IgG2b kappa
Purification:	Affinity purified.

Target Details

Target:	IRF9
Alternative Name:	IRF9 (IRF9 Products)
Background:	IRF9 is a member of the IRF family of transcription factors and plays an important role in IFN signaling pathways and anti-viral immune responses. Type I and type III interferon stimulation induces phosphorylation and heterodimerization of STAT1 and STAT2. The activated STAT1:STAT2 heterodimer recruits IRF9 and forms a heterotrimeric complex termed IFN-stimulated gene factor 3 (ISGF3). The ISGF3 complex, in turn, translocates to the nucleus and

Target Details

transactivates IFN-inducible genes. The IRF9 protein in the ISGF3 complex is responsible for the recognition of IFN-stimulated response elements (ISRE). Mice lacking IRF9 fail to induce the expression of IFN regulated genes in response to type I interferon stimulation, indicating that IRF9 is crucial in mediating interferon signaling.

Pathways: [JAK-STAT Signaling](#), [Interferon-gamma Pathway](#), [Hepatitis C](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 0.5 mg/mL

Buffer: phosphate-buffered solution, pH 7.2, containing 0.09 % sodium azide.

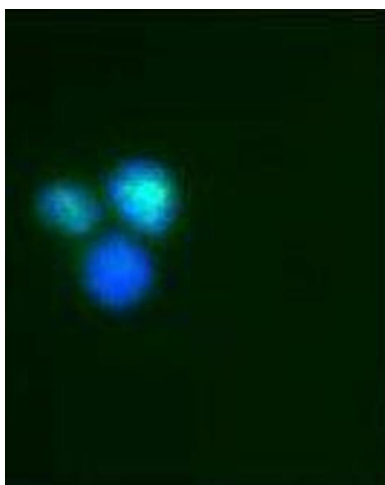
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

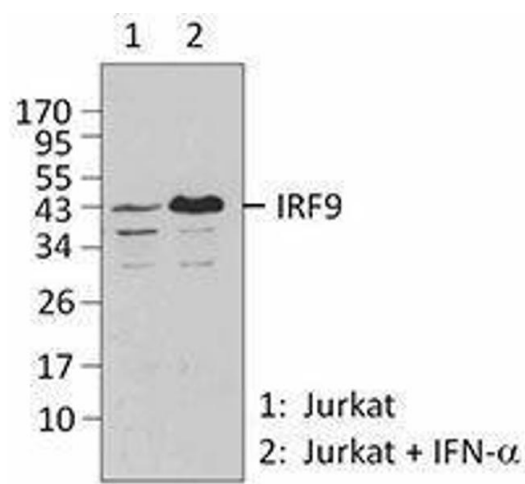
Storage Comment: Upon receipt, store undiluted 2°C and 8°C.

Images



Immunofluorescence

Image 1.



Western Blotting

Image 2.