

Datasheet for ABIN2666257

anti-IRF1 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	IRF1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IRF1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Clone:	13H3A44
Isotype:	IgG2a kappa
Purification:	Affinity purified.

Target Details

Target:	IRF1
Alternative Name:	IRF1 (IRF1 Products)
Background:	IRF1 is the first identified member of the interferon regulatory transcription factor family. Its expression is induced in response to pathogen infection or the stimulation of several cytokines, including type I and II IFN, IL-1, IL-6, and TNF-α. Upon stimulation, IRF1 is transcriptionally activated by STAT1 and NFκB transcription factors via the GAS (interferon-gamma-activated sequence) element in the IRF1 promoter. IRF1 plays important roles in mediating immune

Target Details

response during infection and development of T cells and NK cells. In addition to the immunomodulatory functions, IRF1 has also shown to be involved in the regulation of cell cycle progression, tumor suppression, and apoptosis. IRF1-mediated transcription can be repressed by IRF2 through competing for the same binding region on the promoters.

Pathways: [Interferon-gamma Pathway](#), [Response to Growth Hormone Stimulus](#), [Positive Regulation of Immune Effector Process](#), [Hepatitis C](#), [Autophagy](#)

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.

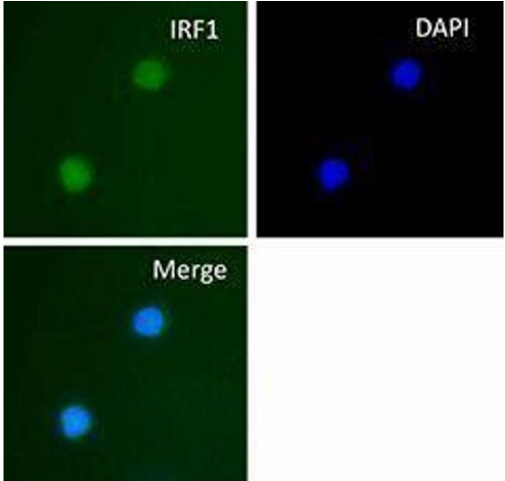
Preservative: Sodium azide

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

Storage: 4 °C

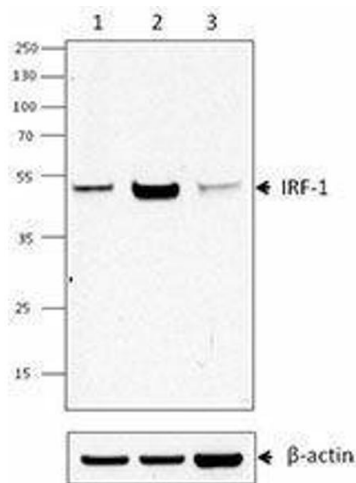
Storage Comment: Upon receipt, store undiluted at 4°C.

Images



Immunofluorescence

Image 1.



Western Blotting

Image 2.