

Datasheet for ABIN317099
anti-IRF3 antibody (AA 108-166)



[Go to Product page](#)

2 Images

Overview

Quantity:	0.1 mg
Target:	IRF3
Binding Specificity:	AA 108-166
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This IRF3 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Recombinant human IRF3 (108-166 aa) purified from E. coli
Clone:	3F10
Isotype:	IgG1
Specificity:	The antibody recognizes human interferon regulatory factor 3 (IRF3), a 55 kDa constitutively expressed member of the IRF family. Other species not tested.
Characteristics:	Synonyms: Interferon regulatory factor 3, IRF-3
Purification:	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant

Target Details

Target:	IRF3
---------	------

Target Details

Alternative Name:	IRF3 (IRF3 Products)
Background:	Members of the Interferon regulatory factor (IRF) family regulate gene expression critical to immune response, hemopoiesis, and proliferation. IRF-3 is distinct from other family members. Its transcriptional activity is regulated solely by posttranslational modifications. It plays a crucial role in activation of innate immunity and inflammation in response to viral infection. IRF3 accumulates in an inactive form in the cytoplasm and then translocates to the nucleus as a homodimer, following stimuli-induced phosphorylation of specific serine/threonine residues. Association of the homodimer with p300/CBP (CREBB binding protein) forms dsRNA-activated factor 1 (DRAF1), which then activates the transcription of interferon alpha and beta, along with other interferon-induced genes. Synonyms: IRF-3, Interferon regulatory factor 3
Gene ID:	3661
UniProt:	Q14653
Pathways:	TLR Signaling , Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Hepatitis C , Toll-Like Receptors Cascades

Application Details

Application Notes:	ELISA. Western blot (1: 1,000 - 1: 3,000), recommended starting dilution is 1: 2,000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

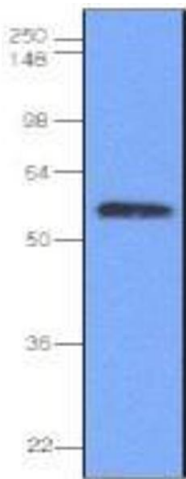
Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	PBS, pH 7.4, containing 10 % glycerol and 0.01 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer. Avoid repeated freezing and thawing.

Handling

Shelf life: one year from despatch.

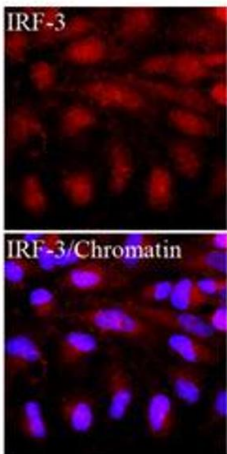
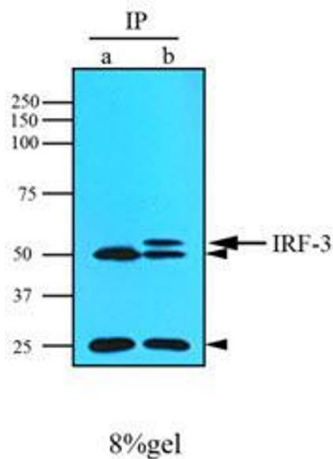
Expiry Date: 12 months

Images



Western Blotting

Image 1.



Western Blotting

Image 2.