

Anti-IRF1 Antibody (Monoclonal, 34I47)

Catalog Number: M00580-1

About IRF1

Interferon regulatory factor 1, also known as IRF1, is a protein that in humans is encoded by the IRF1 gene. The IRF1 gene is mapped to chromosome 5q31.1 by pulsed-field gel electrophoresis. IRF1 encodes interferon regulatory factor 1, a member of the interferon regulatory transcription factor (IRF) family. IRF1 serves as an activator of interferons alpha and beta transcription, and in mouse it has been shown to be required for double-stranded RNA induction of these genes. IRF1 also functions as a transcription activator of genes induced by interferons alpha, beta, and gamma. Further, IRF1 has been shown to play roles in regulating apoptosis and tumor-suppression.

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Overview

Product Name	Anti-IRF1 Antibody (Monoclonal, 34I47)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-IRF1 Antibody (Monoclonal, 34I47) catalog # M00580-1. Tested in WB, IHC, IF, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IF, IHC, ICC, WB
Clonality	Monoclonal 34I47
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P10914

Technical Details

Immunogen	Recombinant protein within Human IRF1 aa 88-323.
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Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.
Suggested Dilutions	Western blot, 1:500-2000 Immunohistochemistry, 1:50-200 Immunofluorescence, 1:50-200 Immunocytochemistry/Immunofluorescence, 1:50-200 ImmunoPrecipitation, 1:50 Flow Cytometry (Fixed), 1:50-200

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