

Anti-IRF-9 Rabbit Monoclonal Antibody Catalog # ABO15558

Specification

Anti-IRF-9 Rabbit Monoclonal Antibody - Product Information

Application	WB, IF, ICC, FC
Primary Accession	Q00978
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

Description

Anti-IRF-9 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF, Flow Cytometry applications. This antibody reacts with Human.

Anti-IRF-9 Rabbit Monoclonal Antibody - Additional Information

Gene ID 10379

Other Names

Interferon regulatory factor 9, IRF-9, IFN-alpha-responsive transcription factor subunit, ISGF3 p48 subunit, Interferon-stimulated gene factor 3 gamma, ISGF-3 gamma, Transcriptional regulator ISGF3 subunit gamma, IRF9, ISGF3G

Calculated MW

48 kDa KDa

Application Details

WB 1:1000-1:5000
ICC/IF 1:50-1:200
FC 1:50

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human IRF-9

Purification

Affinity-chromatography

Storage

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.

Anti-IRF-9 Rabbit Monoclonal Antibody - Protein Information

Name IRF9

Synonyms ISGF3G

Function

Transcription factor that plays an essential role in anti- viral immunity. It mediates signaling by type I IFNs (IFN-alpha and IFN-beta). Following type I IFN binding to cell surface receptors, Jak kinases (TYK2 and JAK1) are activated, leading to tyrosine phosphorylation of STAT1 and STAT2. IRF9/ISGF3G associates with the phosphorylated STAT1:STAT2 dimer to form a complex termed ISGF3 transcription factor, that enters the nucleus. ISGF3 binds to the IFN stimulated response element (ISRE) to activate the transcription of interferon stimulated genes, which drive the cell in an antiviral state.

Cellular Location

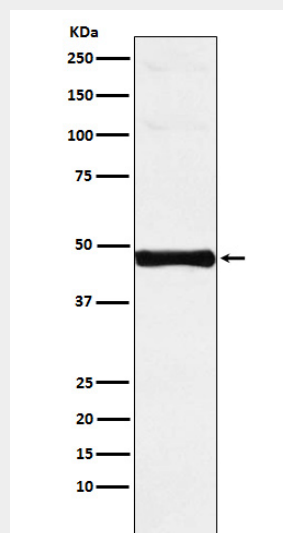
Cytoplasm. Nucleus Note=Translocated into the nucleus upon activation by IFN-alpha/beta

Anti-IRF-9 Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-IRF-9 Rabbit Monoclonal Antibody - Images



Western blot analysis of Interferon regulatory factor 9 expression in Jurkat cell lysate.