

IRF2 Antibody

Rabbit mAb Catalog # AP90847

Specification

IRF2 Antibody - Product Information

Application WB, IHC, ICC

Primary Accession
Clonality
Monoclonal
Other Names

Interferon regulatory factor 2; IRF 2;

Isotype Rabbit IgG
Host Rabbit
Calculated MW 39354 Da

IRF2 Antibody - Additional Information

Dilution WB~~1:1000

IHC~~1:100~500

ICC~~N/A

Purification Affinity-chromatography

Immunogen A synthesized peptide derived from human

IRF2

Description Interferon regulatory factors (IRFs)

comprise a family of transcription factors that function within the Jak/Stat pathway

to regulate interferon (IFN) and

IFN-inducible gene expression in response to viral infection. IRFs play an important role in pathogen defense, autoimmunity, lymphocyte development, cell growth, and susceptibility to transformation. IRF-2 acts

as both a transcription activator and

repressor.

Storage Condition and Buffer Rabbit IgG in phosphate buffered saline ,

pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at $+4^{\circ}$ C short term. Store at -20°C long term. Avoid

freeze / thaw cycle.

IRF2 Antibody - Protein Information

Name IRF2

Function

Specifically binds to the upstream regulatory region of type I IFN and IFN-inducible MHC class I genes (the interferon consensus sequence (ICS)) and represses those genes. Also acts as an activator for several genes including H4 and IL7. Constitutively binds to the ISRE promoter to



activate IL7. Involved in cell cycle regulation through binding the site II (HiNF-M) promoter region of H4 and activating transcription during cell growth. Antagonizes IRF1 transcriptional activation.

Cellular Location Nucleus.

Tissue Location

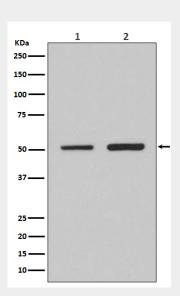
Expressed throughout the epithelium of the colon. Also expressed in lamina propria.

IRF2 Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

IRF2 Antibody - Images



Western blot analysis of IRF2 expression in (1) HeLa cell lysate; (2) 3T3 cell lysate.