Datasheet for ABIN7240031

anti-IRF9 antibody

3 Images

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Overview

Quantity:	200 µL
Target:	IRF9
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IRF9 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant protein of human IRF9
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	IRF9
Alternative Name:	IRF9 (IRF9 Products)
Background:	Interferon regulatory factor 9is aproteinthat in humans is encoded by theIRF9gene, previously known as ISGF3G. Transcription regulatory factor that 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. The

Target Details

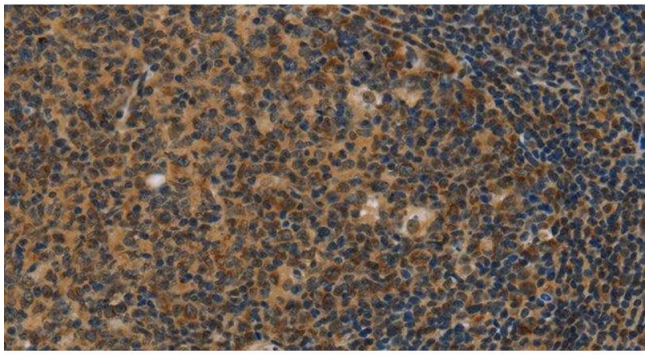
	phosphorylated STATs dimerize, associate with IRF9/ISGF3G to form a complex termed ISGF3 transcription factor, that enters the nucleus. ISGF3 binds to the IFN stimulated response element (ISRE) to activate the transcription of interferon stimulated genes, which drive the cell in an antiviral state.
Molecular Weight:	44 kDa
UniProt:	Q00978
Pathways:	JAK-STAT Signaling, Interferon-gamma Pathway, Hepatitis C

Application Details

Application Notes:	WB 1:200-1:1000, IHC 1:50-1:200
Restrictions:	For Research Use only

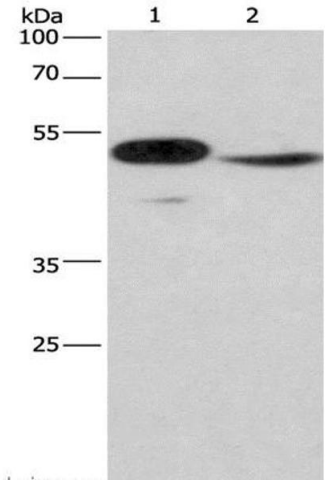
Handling

Format:	Liquid
Concentration:	0.6 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
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:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



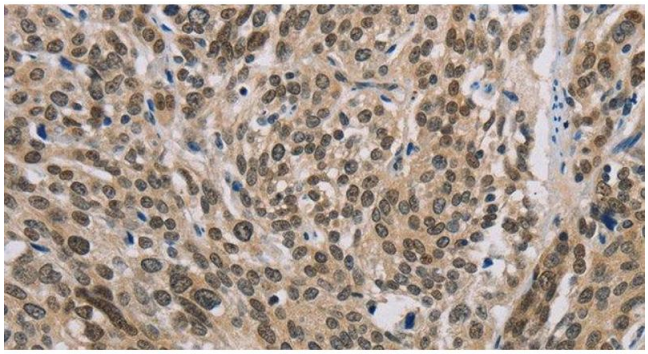
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human tonsil using IRF9 Polyclonal Antibody at dilution of 1:50



Western Blotting

Image 2. Western Blot analysis of Mouse panceas tissue and NIH/3T3 cell using IRF9 Polyclonal Antibody at dilution of 1:380



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Human esophagus cancer using IRF9 Polyclonal Antibody at dilution of 1:50

