

## Product Information

**Size:**

50ul

**Reactivity:**

Human, Mouse

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC

**Recommended dilutions:**

ELISA:1:1000-1:2000, WB:1:200-1:1000,  
IHC:1:50-1:200

**Protein Background:**

Interferon regulatory factor 9 is a protein that in humans is encoded by the IRF9 gene, 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 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.

**Gene ID:**

IRF9

**Uniprot**

Q00978

**Synonyms:**

interferon regulatory factor 9

**Immunogen:**

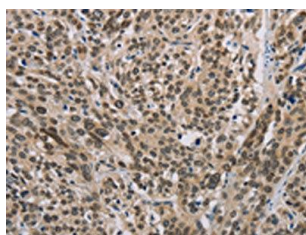
Fusion protein of human IRF9.

**Storage:**

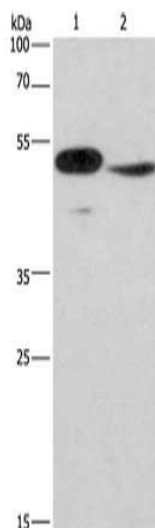
-20&deg; C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol

## Product Images

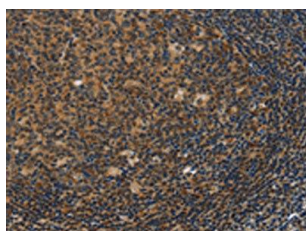
---



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using PACO14598(IRF9 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: x—200).



Gel: 8%SDS-PAGE, Lysate: 40 &mu; g, Lane 1-2: Mouse panceas tissue, NIH/3T3 cells, Primary antibody: PACO14598(IRF9 Antibody) at dilution 1/380, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1.5 minutes.



The image on the left is immunohistochemistry of paraffin-embedded Human tonsil tissue using PACO14598(IRF9 Antibody) at dilution 1/50, on the right is treated with fusion protein. (Original magnification: x—200).