



Interferon regulatory factor 9 Rabbit pAb

db2539 Package: 20μL 50μL 100μL

Product Name: Interferon regulatory factor 9 Rabbit pAb

Cat.No.: db2539

Synonyms: p48; IRF-9; ISGF3; ISGF3G

Application: WB, ICC/IF, FC

Reactivity : Human

Host species : Rabbit

Background Transcription 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. IRF9/ISGF3G associates with the phosphorylated STAT1:STAT2 dimer to form a complex termed ISGF3 transcription factor, that enters the nucleus.

 $\ensuremath{\mathsf{ISGF3}}$ binds to the IFN stimulated response element (ISRE) to activate the transcription of

interferon stimulated genes, which drive the cell in an antiviral state.

Immunogen A synthetic peptide of human Interferon regulatory factor 9

Gene ID 10379

Swiss Prot Q00978

Synonyms p48; IRF-9; ISGF3; ISGF3G

Reactivity Human

Application WB, ICC/IF, FC

Recommended dilution WB: 1:2000-1:10000

ICC/IF: 1:20-1:50

FC: 1:20

Calculated MW 44 kDa

Observed MW 44 kDa

Host species Rabbit

Clonality Polyclonal

Isotype IgG

Purity Affinity Purification

Conjugation Un-conjugated



For Research Use Only **Product Datasheet**

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.