

## 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. 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

**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.