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IRF9 Polyclonal Antibody

Cat #: G-AB-02049

Host: Rabbit **Reactivity:** Human, Mouse

Isotype: IgG **Clonality:** Polyclonal

Overview:
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 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:

Accession #: BC035716

Immunogen: Recombinant protein of human IRF9

Conjugation: Unconjugated

Swissprot: Q00978

Calculated Molecular Weight: 44 kDa

Observed Molecular Weight:

Concentration: 0.6 mg/mL

Buffer: PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Purification Method: Affinity purification

Application: WB,IHC,ELISA

Dilution: WB 1:200-1:1000, IHC 1:50-1:200

Storage: Store at -20°C. Avoid freeze / thaw cycles.