

IRF9 Rabbit mAb
Catalog # AP78038**Specification**

IRF9 Rabbit mAb - Product Information

Application	WB
Primary Accession	Q00978
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	43696

IRF9 Rabbit mAb - Additional Information**Gene ID** 10379**Other Names**
IRF9**Dilution**
WB~~1/500-1/1000**Format**
Liquid**IRF9 Rabbit mAb - Protein Information****Name** IRF9**Synonyms** ISGF3G**Function**

Transcription factor that plays an essential role in anti- viral immunity. It 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.

Cellular Location

Cytoplasm. Nucleus Note=Translocated into the nucleus upon activation by IFN-alpha/beta

IRF9 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IRF9 Rabbit mAb - Images

