

**IRF9 Rabbit mAb**  
Catalog # AP78038**Specification**

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**IRF9 Rabbit mAb - Product Information**

Application	<b>WB</b>
Primary Accession	<a href="#">Q00978</a>
Reactivity	<b>Human</b>
Host	<b>Rabbit</b>
Clonality	<b>Monoclonal Antibody</b>
Calculated MW	<b>43696</b>

**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

