

IRF5 Rabbit mAb
Catalog # AP78979**Specification**

IRF5 Rabbit mAb - Product Information

Application	WB
Primary Accession	Q13568
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	56044

IRF5 Rabbit mAb - Additional Information**Gene ID** 3663**Other Names**

IRF5

Dilution

WB~~1/500-1/1000

Format

Liquid

IRF5 Rabbit mAb - Protein Information**Name** IRF5 {ECO:0000303|PubMed:11303025, ECO:0000312|HGNC:HGNC:6120}**Function**

Transcription factor that plays a critical role in innate immunity by activating expression of type I interferon (IFN) IFNA and INFB and inflammatory cytokines downstream of endolysosomal toll-like receptors TLR7, TLR8 and TLR9 (PubMed: [11303025](http://www.uniprot.org/citations/11303025) target="_blank">11303025, PubMed: [15695821](http://www.uniprot.org/citations/15695821) target="_blank">15695821, PubMed: [22412986](http://www.uniprot.org/citations/22412986) target="_blank">22412986, PubMed: [25326418](http://www.uniprot.org/citations/25326418) target="_blank">25326418, PubMed: [32433612](http://www.uniprot.org/citations/32433612) target="_blank">32433612). Regulates the transcription of type I IFN genes (IFN-alpha and IFN-beta) and IFN- stimulated genes (ISG) by binding to an interferon-stimulated response element (ISRE) in their promoters (By similarity). Can efficiently activate both the IFN-beta (IFNB) and the IFN-alpha (IFNA) genes and mediate their induction downstream of the TLR-activated, MyD88-dependent pathway (By similarity). Key transcription factor regulating the IFN response during SARS-CoV-2 infection (PubMed: [33440148](http://www.uniprot.org/citations/33440148) target="_blank">33440148).

Cellular Location

Cytoplasm. Nucleus. Note=Shuttles between the nucleus and the cytoplasm: upon activation by the TLR adapter MYD88 and subsequent phosphorylation, translocates to the nucleus

IRF5 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](#)

IRF5 Rabbit mAb - Images

