

MyD88 Rabbit mAb
Catalog # AP77503**Specification****MyD88 Rabbit mAb - Product Information**

Application	WB, IHC, IF
Primary Accession	Q99836
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	33233

MyD88 Rabbit mAb - Additional Information**Gene ID** 4615**Other Names**
MYD88**Dilution**
WB~~1/500-1/1000
IHC~~1/50-1/100
IF~~1/50-1/200**Format**
Liquid**MyD88 Rabbit mAb - Protein Information****Name** MYD88 ([HGNC:7562](#))**Function**

Adapter protein involved in the Toll-like receptor and IL-1 receptor signaling pathway in the innate immune response (PubMed: [15361868](http://www.uniprot.org/citations/15361868) target="_blank">15361868, PubMed: [18292575](http://www.uniprot.org/citations/18292575) target="_blank">18292575, PubMed: [33718825](http://www.uniprot.org/citations/33718825) target="_blank">33718825, PubMed: [37971847](http://www.uniprot.org/citations/37971847) target="_blank">37971847). Acts via IRAK1, IRAK2, IRF7 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response (PubMed: [15361868](http://www.uniprot.org/citations/15361868) target="_blank">15361868, PubMed: [19506249](http://www.uniprot.org/citations/19506249) target="_blank">19506249, PubMed: [24316379](http://www.uniprot.org/citations/24316379) target="_blank">24316379). Increases IL-8 transcription (PubMed: [9013863](http://www.uniprot.org/citations/9013863) target="_blank">9013863). Involved in IL-18-mediated signaling pathway. Activates IRF1 resulting in its rapid migration into the nucleus to mediate an efficient induction of IFN-beta, NOS2/INOS, and IL12A genes. Upon TLR8 activation by GU-rich single-stranded RNA (GU-rich RNA) derived from viruses such as SARS-CoV-2, SARS-CoV and HIV-1, induces IL1B release through NLRP3 inflammasome activation (PubMed: [33718825](http://www.uniprot.org/citations/33718825) target="_blank">33718825)

target="_blank">33718825). MyD88-mediated signaling in intestinal epithelial cells is crucial for maintenance of gut homeostasis and controls the expression of the antimicrobial lectin REG3G in the small intestine (By similarity).

Cellular Location

Cytoplasm. Nucleus

Tissue Location

Ubiquitous..

MyD88 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](#)

MyD88 Rabbit mAb - Images



