

## ARG63727 anti-MyD88 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes MyD88
Tested Reactivity	Hu
Predict Reactivity	Ms, Rat, Dog
Tested Application	ELISA, IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	MyD88
Species	Human
Immunogen	C-IKYKAMKKEFP
Conjugation	Un-conjugated
Alternate Names	MYD88D; Myeloid differentiation primary response protein MyD88

### Application Instructions

Application table	Application	Dilution
	ELISA	5 - 10 µg/ml (detection Ab)
	IHC-P	4 - 6 µg/ml
	WB	0.1 - 0.3 µg/ml

**Application Note**  
IHC-P: Antigen Retrieval: Steam tissue section in Tris/EDTA buffer (pH 9.0).  
WB: Recommend incubate at RT for 1h.  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

Database links

[GeneID: 4615 Human](#)

[Swiss-port # Q99836 Human](#)

Background

This gene encodes a cytosolic adapter protein that plays a central role in the innate and adaptive immune response. This protein functions as an essential signal transducer in the interleukin-1 and Toll-like receptor signaling pathways. These pathways regulate that activation of numerous proinflammatory genes. The encoded protein consists of an N-terminal death domain and a C-terminal Toll-interleukin1 receptor domain. Patients with defects in this gene have an increased susceptibility to pyogenic bacterial infections. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Feb 2010]

Highlight

Related products:

[MYD88 antibodies](#); [Anti-Goat IgG secondary antibodies](#);

Related poster download:

[Toll-like Receptor.pdf](#)

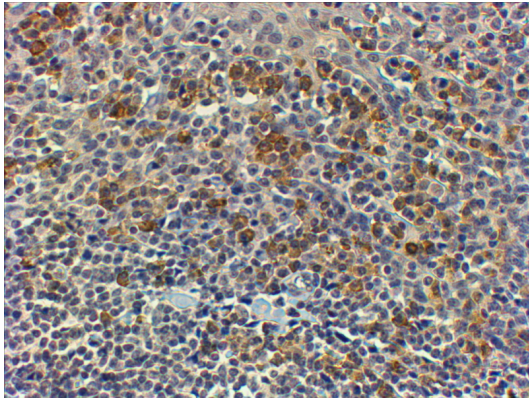
Research Area

Cell Biology and Cellular Response antibody; Immune System antibody; Signaling Transduction antibody

Calculated Mw

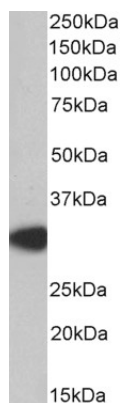
33 kDa

## Images



ARG63727 anti-MyD88 antibody IHC-P image

Immunohistochemistry: Paraffin embedded Human Tonsil. (Steamed antigen retrieval with Tris/EDTA buffer pH 9) stained with ARG63727 anti-MyD88 antibody at 4 µg/ml dilution followed by HRP-staining. These results could not be obtained after antigen retrieval at pH6 with this batch of antibody.



ARG63727 anti-MyD88 antibody WB image

Western blot: 35 µg of Human thymus lysate (in RIPA buffer) stained with ARG63727 anti-MyD88 antibody at 0.2 µg/ml dilution and incubated at RT for 1 hour.