

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 antigen affinity chromatography.
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](#)

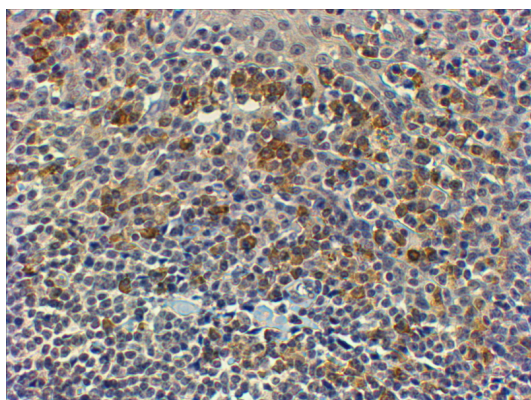
Research Area

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

Calculated Mw

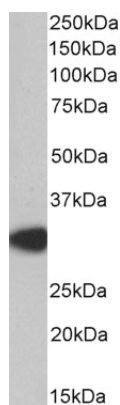
33 kDa

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 been 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.