

MyD88 Rabbit Polyclonal Antibody

OPR2871

Reactivity	H, M, R, Pg	Storage	-20°C, Avoid freeze / thaw cycles
Host	Rabbit	Applications	IF;WB;IHC;ELISA
Isotype	IgG	Concentration	1 mg/mL

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Immunogen Information

Immunogen	The antiserum was produced against synthesized peptide derived from human MyD88. AA range: 171-220
Human Swiss-Prot Number	Q99836
Synonyms	MYD88; Myeloid differentiation primary response protein MyD88

Product Information

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using Epitope-specific immunogen.
Dilution	IF: 1:50-200, WB: 1/500 - 1/2000, IHC: 1/100 - 1/300, ICC: 1/200 - 1/1000, ELISA: 1/20000.
Observed MW	33 kDa

Other applications have not been tested. Optimal dilutions/concentrations should be determined by the end user.

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.

Research Use

For research use only, not for use in diagnostic procedures.

Legend

Applications: WB-Western Blot; IHC-Immunohistochemistry; IF-Immunofluorescence; IP-Immunoprecipitation; FC-Flow cytometry; ChIP-Chromatin Immunoprecipitation, ICC-Immunocytochemistry

Reactivity: H-Human; R-Rat; M-Mouse; Mk-Monkey; Dg-Dog; Ch-Chicken; Hm-Hamster; Rb-Rabbit; Sh- Sheep; Pg-Pig; Z-Zebrafish; X-Xenopus; C-Cow, Bv- Bovine.

Please contact Origin Diagnostics and Research for further assistance

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