

# MyD88 Rabbit Polyclonal Antibody

OPR2871

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

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

## Immunogen Information

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

## Product Information

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