

MyD88 Polyclonal Antibody

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|----------------------------|---|--------------------|
| CATALOG NO: | 3244R-30T | 30 µg (Trial size) |
| | 3244R-100 | 100 µg |
| IMMUNOGEN: | Synthetic peptide surrounding amino acid 283 of rat MyD88 | |
| INTERNAL ID: | BV-J62G | |
| HOST: | Rabbit | |
| SPECIES REACTIVITY: | Human, Mouse, Rat, Monkey | |

FORMULATION:

0.5 mg/ml affinity purified rabbit anti- MyD88 polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.03% proclin.

STORAGE CONDITIONS:

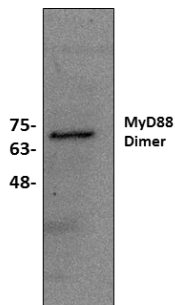
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

MyD88 was identified as an adapter molecule in the IL-1 signaling pathway. MyD88 associates with and recruits IRAK to the IL-1 receptor complex in response to IL-1 treatment. Dominant-negative form of MyD88 attenuates IL-1R-mediated NF-κB activation. MyD88 is also employed as a regulator molecule by IL-18 receptor and human Toll receptor, which are members in the Toll/IL-1R family of receptors. Targeted disruption of the MyD88 gene results in loss of cellular responses to IL-1 and IL-18. MyD88 is a general adaptor protein for the Toll/IL-1R family of receptors and plays an important role in the inflammatory response induced by cytokines IL-1 and IL-18 and endotoxin. MyD88 gene is expressed in many tissues.

APPLICATION AND USAGE:

The antibody can be used in Western Blot analysis (0.5-4 µg/ml). However, the optimal concentrations should be determined individually. Blocking peptide (Cat.# 3244RBP-50) is available separately.



Cat. #: 3244R-100 MyD88 Antibody.
Western blot analysis of MyD88 using rat kidney tissue lysate

RELATED PRODUCTS:

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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- Senescence Detection Kit
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- Bioluminescence Cytotoxicity Assay Kit
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