

Product Data Sheet

Purified anti-MyD88

Catalog # / Size: 648901 / 25 µl
648902 / 100 µl

Clone: Poly6489

Isotype: Rabbit Polyclonal IgG

Immunogen: Synthetic peptide (c-terminus)

Reactivity: Human, Mouse

Preparation: The antibody was purified by affinity chromatography.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at -20°C.

Applications:

Applications: WB - *Quality tested*

Recommended Usage: Each lot of this antibody is quality control tested by Western blotting. For Western blotting, the suggested use of this reagent is 0.5-2.0 µg per ml. It is recommended that the reagent be titrated for optimal performance for each application.

Application Notes: The optimal concentration should be determined by titration for each individual assay of interest.

Description: MyD88, originally isolated as myeloid differentiation primary response gene, is expressed in a variety of tissues. MyD88 serves as a cytoplasmic adaptor protein involved in the signaling of TLR and IL-1R family members. It associates with and recruits IRAK to IL-1R complex in response to IL-1. This pathway leads to activation of NF-κB. Targeted disruption of the MyD88 gene results in loss of cellular responses to IL-1 and IL-18. MyD88 deficient mice lack a response to LPS (a bacterial product) which employs toll like receptors 2 and 4 (TLR2 and TLR4) as signaling receptors.

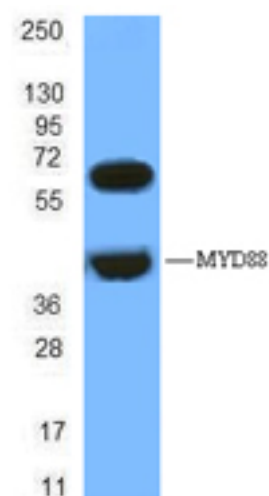
Antigen References:

1. Bonnert TP, *et al.* 1997. *FEBS Letters* 402:81.
2. Burns K, *et al.* 1998. *J. Biol. Chem.* 20:12203.
3. Ohnishi H, *et al.* 2009. *Proc. Natl. Acad. Sci.* 106:10260.

Related Products: **Product**
HRP Donkey anti-rabbit IgG (minimal x-reactivity)

Clone
Poly4064

Application
ELISA, IHC, WB



Raji whole cell lysates were resolved by electrophoresis, transferred to nitrocellulose and probed with a rabbit anti-MYD88 polyclonal antibody (Poly6489). Proteins were visualized using donkey anti-rabbit secondary antibody conjugated to HRP and a chemiluminescence system.



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