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11-3015: Polyclonal Antibody to MyD88

Clonality :	Polyclonal
Application :	WB
Reactivity :	Human
Gene :	MYD88
Gene ID :	4615
Uniprot ID :	Q99836
Format :	Purified
Alternative Name :	MYD88
Isotype :	Rabbit IgG
Immunogen Information :	A partial length recombinant MyD88 protein (amino acids 1-200) was used as the immunogen for this antibody.

Description

MyD88 (Myeloid differentiation factor) is an essential adaptor molecule in all TLR (Toll-like receptor) signaling pathways except TLR3. MyD88 is composed of an N-terminal (Death Domain) and a highly conserved C-terminal TIR (Toll/interleukin-1 Receptor) domain. It is found to stimulate IL-1R/IL18R-mediated signaling. MyD88-dependent signaling is also important in the regulation of innate as well as acquired immunity, in particular, T-cell responses, to various microbial pathogens. After activation of TLRs, MyD88 is phosphorylated and subsequently recruits IRAKs (IL-1R Associated Kinases) and other downstream proteins such as TRAF6, finally resulting in activation of the NF-kappaB (nuclear factor kappa B) pathway.

Product Info

Amount :	25 µg / 100 µg
Purification :	Protein A Chromatography
Content :	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western blot analysis: 4-6 µg/ml

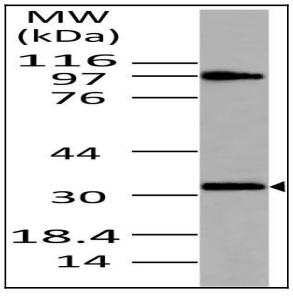

Fig-1:Western blot analysis of MyD88. Anti- MyD88 antibody (11-3015) was used at 4 µg/ml on Raji lysate.

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