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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 MYD88 **Alternative Name:** Rabbit IgG Isotype:

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

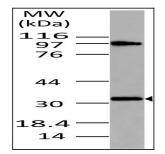


Fig-1:Western blot analysis of MyD88. Anti- MyD88 antibody (11-3015) was used at 4 μg/ml on Raji lysate.