German Research Products - GRP GmbH

In der Stockwiese 26

D-85410 Haag/Amper, Germany

Email: info@grp-ak.de Phone: +49 (0)8167 6335

Product Datasheet

MyD88 Polyclonal Antibody GRP340

Description Adapter protein involved in the Toll-like receptor and IL-1 receptor

signaling pathway in the innate immune response. Acts via IRAK1,

IRAK2, IRF7 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response. Increases IL-8 transcription. Involved in IL-18-mediated signaling pathway. Isoform 2 is defective in its ability to induce IRAK phosphorylation

and NF-kappa-B activation and can function as a negative regulator of activation by IL-1 or lipopolysaccharide (LPS).

Activates IRF1 resulting in its rapid migration into the nucleus to mediate an efficient induction of IFN-beta, NOS2/INOS, and IL12A genes. MyD88-mediated signaling in intestinal epithelial cells is crucial for maintenance of gut homeostasis and controls the expression of the antimicrobial lectin REG3G in the small

intestine.

Species/Host Rabbit

Reactivity Human, Mouse, Rat

Conjugation Unconjugated

IHC-P, WB **Tested Applications**

Immunogen KLH conjugated synthetic peptide derived from mouse MyD88

(public_immunogen_range: 240-290/296)

Aqueous buffered solution containing 1% BSA, 50% glycerol and Form/Appearance

0.09% sodium azide.

Concentration 1ug/ul

Store at -20°C for 12 months. Storage

For research use only. Note

Isotype IgG

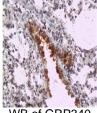
Clonality Polyclonal

Purity Purified by Protein A.

Uniprot ID P22366

17874 **Entrez**

WB: 1:300-1000, IHC-P: 1:200-400 **Dilution Range**



VB of GRP340

