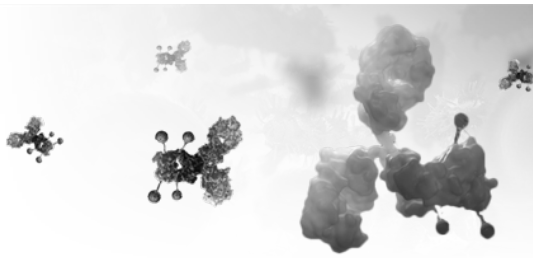

Anti-MYD88 polyclonal antibody (CABT-B8817)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human MYD88, different from the related rat and mouse sequences by one amino acid.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB, IHCP
Format	Lyophilized
Size	100 µg
Preservative	None
Storage	Stable for 1 year at -20°C and 3 months at 4°C. For maximum recovery of the product, centrifuge the original vial after thawing and before removing the cap. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	MYD88, MYELOID DIFFERENTIATION PRIMARY RESPONSE GENE 88, is a protein that, in humans, is encoded by the MYD88 gene. MyD88 is a key downstream adapter for most Toll-like receptors (TLRs) and interleukin-1 receptors (IL1Rs).And it is mapped on 3p22.2. MYD88 encodes a cytosolic adapter protein that plays a central role in the innate and adaptive immune

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response. This protein functions as an essential signal transducer in the interleukin-1 and Toll-like receptor signaling pathways. Qverexpression of MYD88 caused an increase in the level of transcription from the interleukin-8 promoter. The C-terminal domain of MYD88 has significant sequence similarity to the cytoplasmic domain of IL1RAP.Inhibiting the IL1R-MYD88 pathway in vivo could block the damage from acute inflammation that occurs in response to sterile cell death, and do so in a way that might not compromise tissue repair or host defense against pathogens.

GENE INFORMATION

Entrez Gene ID	4615
UniProt ID	Q99836

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