

Datasheet for ABIN7160472
anti-MYD88 antibody (AA 1-282)



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1 Image

Overview

Quantity:	100 µg
Target:	MYD88
Binding Specificity:	AA 1-282
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MYD88 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Myeloid differentiation primary response protein MyD88 protein (1-282AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MYD88
Alternative Name:	MYD88 (MYD88 Products)
Background:	Background: Adapter protein involved in the Toll-like receptor and IL-1 receptor signaling

Target Details

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. 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.

Aliases: Mutant myeloid differentiation primary response 88 antibody, MYD 88 antibody, Myd88 antibody, MYD88_HUMAN antibody, MYD88D antibody, Myeloid differentiation marker 88 antibody, Myeloid differentiation primary response 88 antibody, Myeloid differentiation primary response gene (88) antibody, Myeloid differentiation primary response gene 88 antibody, Myeloid differentiation primary response gene antibody, Myeloid differentiation primary response protein MyD88 antibody, OTTHUMP00000161718 antibody, OTTHUMP00000208595 antibody, OTTHUMP00000209058 antibody, OTTHUMP00000209059 antibody, OTTHUMP00000209060 antibody

UniProt: [Q99836](#)

Pathways: [NF-kappaB Signaling](#), [TLR Signaling](#), [Neurotrophin Signaling Pathway](#), [Activation of Innate immune Response](#), [Cellular Response to Molecule of Bacterial Origin](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [Toll-Like Receptors Cascades](#)

Application Details

Application Notes: Recommended dilution: IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

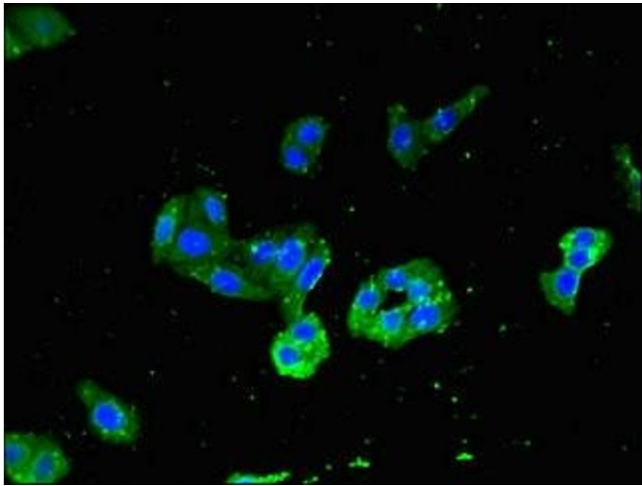
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunofluorescence

Image 1. Immunofluorescent analysis of HepG2 cells using ABIN7160472 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)