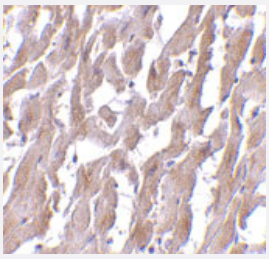
MYD88 monoclonal antibody, clone 2E9C2

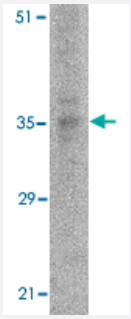
Catalog # MAB2745 Size 100 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry of MYD88 in human heart with MYD88 monoclonal antibody, clone 2E9C2 (Cat # MAB2745) at 2.5 ug/mL .



Western Blot (Cell lysate)

Western blot analysis of MYD88 in EL4 whole cell lysate with MYD88 monoclonal antibody, clone 2E9C2 (Cat # MAB2745) at 2 mg/ml.

Specification

Product Description	Mouse monoclonal antibody raised against recombinant MYD88.
Immunogen	Recombinant protein corresponding to amino acids 176-280 of human MYD88.
Host	Mouse
Reactivity	Human, Mouse
Form	Liquid
Recommend Usage	Western Blot (2-4 mg/mL) The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemistry of MYD88 in human heart with MYD88 monoclonal antibody, clone 2E9C2 (Cat # MAB2745) at 2.5 ug/mL .

- Western Blot (Cell lysate)

  Western blot analysis of MYD88 in EL4 whole cell lysate with MYD88 monoclonal antibody, clone 2E9C2 (Cat # MAB2745) at 2 mg/ml.

Gene Info — MYD88

Entrez GeneID	4615
Gene Name	MYD88
Gene Alias	MYD88D
Gene Description	myeloid differentiation primary response gene (88)
Omim ID	602170
Gene Ontology	Hyperlink
Other Designations	myeloid differentiation primary response gene 88

Publication Reference

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- Differences in sustained alterations in protein expression between livers of mice exposed to high-dose-rate and low-dose-rate radiation.

  Tetsuo Nakajima, Bing Wang, Tetsuya Ono, Yoshihiko Uehara, Shingo Nakamura, Kazuaki Ichinohe, Ignacia Braga-Tanaka, Satoshi Tanaka, Kimio Tanaka, Mitsuru Nenoi

  J Radiat Res 2017 Jul; 58(4):421-429.

  Application : IHC

- Unresponsiveness of MyD88-deficient mice to endotoxin.

  Kawai T, Adachi O, Ogawa T, Takeda K, Akira S.

  Immunity 1999 Jul; 11(1):115.

- MyD88 is an adaptor protein in the hToll/IL-1 receptor family signaling pathways.

  Medzhitov R, Preston-Hurlburt P, Kopp E, Stadlen A, Chen C, Ghosh S, Janeway CA Jr.

  Molecular Cell 1998 Aug; 2(2):253.

- Targeted disruption of the MyD88 gene results in loss of IL-1- and IL-18-mediated function.

  Adachi O, Kawai T, Takeda K, Matsumoto M, Tsutsui H, Sakagami M, Nakanishi K, Akira S.

  Immunity 1998 Jul; 9(1):143.

Pathway

- Apoptosis
- Toll-like receptor signaling pathway

Disease

- Arthritis
- Asthma
- Birth Weight
- Cardiovascular Diseases
- Chronic Disease
- Coronary Disease
- Cystitis

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- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Glioblastoma
- Glioma
- Hepatitis C
- Hodgkin Disease
- Hypersensitivity
- Leukemia
- Lupus Erythematosus
- Meningeal Neoplasms
- Meningioma
- Pyelonephritis
- Sepsis
- Urinary Tract Infections

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