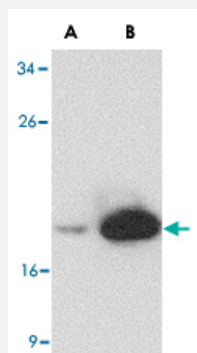


LY96 monoclonal antibody, clone 9F1B1

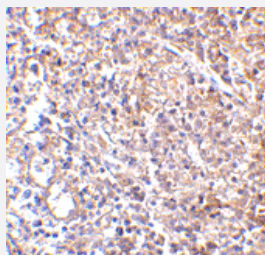
Catalog # MAB2752 Size 100 ug

Applications



Western Blot (Recombinant protein)

Western blot analysis of (A) 25 and (B) 125 ng of LY96 recombinant protein with LY96 monoclonal antibody, clone 9F1B1 (Cat # MAB2752) at 1 ug/mL .



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

Immunohistochemistry of LY96 in human spleen with LY96 monoclonal antibody, clone 9F1B1 (Cat # MAB2752) at 2.5 ug/mL .

Specification

Product Description	Mouse monoclonal antibody raised against recombinant LY96.
Immunogen	Recombinant protein corresponding to amino acids 2-160 of human LY96.
Host	Mouse
Reactivity	Human, Mouse
Form	Liquid
Isotype	IgG

Recommend Usage	Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% sodium azide)
Storage Instruction	Store at 4°C for three months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Recombinant protein)

Western blot analysis of (A) 25 and (B) 125 ng of LY96 recombinant protein with LY96 monoclonal antibody, clone 9F1B1 (Cat # MAB2752) at 1 ug/mL .

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

Immunohistochemistry of LY96 in human spleen with LY96 monoclonal antibody, clone 9F1B1 (Cat # MAB2752) at 2.5 ug/mL .

Gene Info — LY96

Entrez GeneID	23643
Protein Accession#	NP_056179
Gene Name	LY96
Gene Alias	MD-2, MD2
Gene Description	lymphocyte antigen 96
Omim ID	605243
Gene Ontology	Hyperlink
Gene Summary	The MD-2 protein appears to associate with toll-like receptor 4 on the cell surface and confers responsiveness to lipopolysaccharide (LPS), thus providing a link between the receptor and LPS signaling. [provided by RefSeq]
Other Designations	MD-2 protein myeloid differentiation protein-2

Publication Reference

- [The Toll-IL-1 receptor adaptor family grows to five members.](#)

O'Neill LA, Fitzgerald KA, Bowie AG.

Trends in Immunology 2003 Jun; 24(6):286.

- [Toll-like receptors.](#)

Takeda K, Kaisho T, Akira S.

Annual Review of Immunology 2001 Dec; 21:335.

- [Innate immune recognition.](#)

Janeway CA Jr, Medzhitov R.

Annual Review of Immunology 2001 Oct; 20:197.

Pathway

- [Pathogenic Escherichia coli infection - EHEC](#)
- [Toll-like receptor signaling pathway](#)

Disease

- [Asthma](#)
- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hypersensitivity](#)

- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Pregnancy Complications](#)
- [Stomach Neoplasms](#)
- [Tuberculosis](#)
- [Vaginosis](#)