

Datasheet

Lbp monoclonal antibody, clone biG 35

Catalog Number: MAB5665

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against recombinant Lbp.

Clone Name: biG 35

Immunogen: Recombinant protein corresponding to mouse Lbp.

Host: Mouse

Reactivity: Human, Mouse, Rat

Applications: ELISA, WB

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: The monoclonal antibody biG 35 reacts highly specific with mouse natural and recombinant LBP. This antibody doesn't block the LPS binding to LBP. LPS binding protein (LBP) is an approximately 60 KDa acute phase protein that is produced by hepatocytes. This protein strongly binds to LPS and has been shown to play an important role in the handling of LPS by the host. A number of functions of LBP have been reported. LBP was demonstrated to protect mice from septic shock caused by LPS or gram negative bacteria.

Form: Lyophilized

Isotype: IgG1

Recommend Usage: ELISA (1:20000)

The optimal working dilution should be determined by the end user.

Storage Buffer: Lyophilized from PBS

Storage Instruction: Store at -20°C on dry atmosphere. After reconstitution with deionized water, store at -20°C

or lower.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 16803

Gene Symbol: Lbp

Gene Alias: Ly88

References:

1. Implications for a general role of LPS-binding proteins (CD14, LBP) in combating bacterial infections Schutt C., Bernheiden M., Grunwald U., Stelter F., Menzel R., Muller H. P., Fan X., Jack R. S. Journal of Endotoxin Research, Vol. 5, No. 1-2, 75-80 (1999)