Lbp monoclonal antibody, clone biG 35

Catalog # MAB5665 Size 100 ug

Specification **Product Description** Mouse monoclonal antibody raised against recombinant Lbp. Immunogen Recombinant protein corresponding to mouse Lbp. Host Mouse Reactivity Human, Mouse, Rat Specificity The monoclonal antibody biG 35 reacts highly specific with mouse natural and recombinant LBP. Thi s 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 ha s been shown to play an important role in the handling of LPS by the host. A number of functions of L BP have been reported. LBP was demonstrated to protect mice from septic shock caused by LPS o r gram negative bacteria. Form Lyophilized Purification Protein G purification lsotype lgG1 **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.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay



Gene Info — Lbp

Entrez GenelD	<u>16803</u>
Gene Name	Lbp
Gene Alias	Ly88
Gene Description	lipopolysaccharide binding protein
Gene Ontology	<u>Hyperlink</u>
Other Designations	OTTMUSP00000016997 lipopolysaccharide-binding protein

Publication Reference

• Implications for a general role of LPS-binding proteins (CD14, LBP) in combating bacterial infections.

C. Schütt, M. Bernheiden, U. Grunwald, F. Stelter, R. Menzel, H.P. Müller, X. Fan, R.S. Jack

Journal of Endotoxin Research 1999 Feb; 5:75.