

Lbp

Mouse Anti-Mouse LBP Clone biG 35 mAb

Catalog No.	CML005	Quantity:	100 µg
Alternate Names:	Ly88		
Description:	<p>Mouse monoclonal antibody against mouse LBP clone biG 35</p> <p>LBP is involved in the acute-phase immunologic response to gram-negative bacterial infections. Gram-negative bacteria contain a glycolipid, lipopolysaccharide (LPS), on their outer cell wall. Together with bactericidal permeability-increasing protein (BPI), the encoded protein binds LPS and interacts with the CD14 receptor, probably playing a role in regulating LPS-dependent monocyte responses. Studies in mice suggest that the encoded protein is necessary for the rapid acute-phase response to LPS but not for the clearance of LPS from circulation. This protein is part of a family of structurally and functionally related proteins, including BPI, plasma cholesteryl ester transfer protein (CETP), and phospholipid transfer protein (PLTP).</p>		
Concentration:	1 mg/ml		
Gene ID:	3929		
Host:	LBP Knockout Mouse		
Immunogen:	Immunoaffinity purified recombinant mouse LBP		
Isotype:	IgG1		
Clone:	biG 35		
Formulation:	Lyophilized in PBS with no preservatives or additives		
Purification:	Protein G purified		
Reconstitution:	Centrifuge vial prior to opening. Add 100 µl distilled water to obtain 1 mg/ml.		
Applications:	ELISA: binding titer for ELISA: > 1:20,000. LBP inhibition studies: no inhibition of LPS binding to membrane bound CD14. Western Blot. The optimal concentration should be determined by the user for each specific application.		
Storage & Stability:	Long term storage at -20°C or -80°C. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

