

LBP

Rabbit Anti-Mouse Lipopolysaccharide Binding Protein pAb

Catalog No.	CPL105A	Quantity:	0.1 ml
	CPL105B		0.5 ml

Alternate Names: Ly88

Description: Lipopolysaccharide Binding Protein (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), LBP binds LPS and interacts with the CD14 receptor, probably playing a role in regulating LPS-dependent monocyte responses. Studies in mice suggest that LBP is necessary for the rapid acute-phase response to LPS, but not for the clearance of LPS from circulation. LBP is part of a family of structurally and functionally related proteins, including BPI, Plasma Cholesteryl Ester Transfer protein (CETP), and Phospholipid Transfer Protein (PLTP). The *LBP* gene is found on chromosome 20, immediately downstream of the *BPI* gene.

Gene ID: 16803

Specificity: Mouse LBP

Host: Rabbit

Immunogen: Affinity purified Recombinant Mouse LBP

Isotype: Antiserum

Formulation: Lyophilized

Reconstitution: **Centrifuge vial prior to opening.** Add 100 µl sterile distilled water to the vial.

Applications: ELISA

Application Notes: Mouse LBP binding titer in Mouse LBP ELISA = 1:15000
Recommended working dilution = 1:1000-5000

Storage & Stability: Store below -20°C. **Avoid repeated freeze-thaw cycles.**

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

