



LBP Monoclonal Antibody

Catalog No	YP-mAb-13940
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	LBP
Protein Name	Lipopolysaccharide-binding protein
Immunogen	The antiserum was produced against synthesized peptide derived from human LBP. AA range:221-270
Specificity	LBP Monoclonal Antibody detects endogenous levels of LBP protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	LBP; Lipopolysaccharide-binding protein; LBP
Observed Band	53kD
Cell Pathway	Secreted . Cytoplasmic granule membrane . Membrane-associated in polymorphonuclear Leukocytes (PMN) granules. .
Tissue Specificity	Detected in blood serum (at protein level).
Function	function: Binds to the lipid A moiety of bacterial lipopolysaccharides (LPS), a glycolipid present in the outer membrane of all Gram-negative bacteria. The LBP/LPS complex seems to interact with the CD14 receptor.,similarity: Belongs to the BPI/LBP/Plunc superfamily. BPI/LBP family.,
Background	lipopolysaccharide binding protein(LBP) Homo sapiens The protein encoded by this gene 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). [provided by RefSeq, Apr 2012],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

