



LBP Monoclonal Antibody

Catalog No	YP-mAb-13940
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	LBP
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
Observed Band	53kD
Calculated Molecular Weight	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],

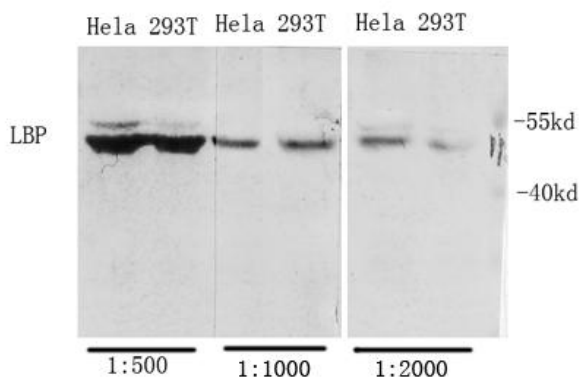
matters needing attention

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



Western Blot analysis of various cells using LBP Monoclonal Antibody