

For Research Use Only

LBP Monoclonal ANTIBODY



Catalog Number: 66181-1-Ig

Basic Information

Catalog Number: 66181-1-Ig	GenBank Accession Number: BC022256	Purification Method: Protein A purification
Size: 150UL, Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3929	CloneNo.: 3A7E3
Source: Mouse	Full Name: lipopolysaccharide binding protein	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200
Isotype: IgG2b	Calculated MW: 481 aa, 53 kDa	
Immunogen Catalog Number: AG13485	Observed MW: 60 kDa	

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: Jurkat cells,

IHC: human liver cancer tissue, human liver tissue

Background Information

LBP (lipopolysaccharide-binding protein) is an acute-phase protein, predominantly synthesized by hepatocytes. It is present in normal serum at concentrations of 5 to 10 µg/ml, rising up to 200 µg/ml 24 h after induction of an acute-phase response. LBP binds to the lipid A moiety of bacterial lipopolysaccharides (LPS), a glycolipid present in the outer membrane of all Gram-negative bacteria, and acts as an affinity enhancer for CD14, facilitating its association with LPS. (PMID: 9665271; 11598069)

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

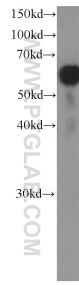
For technical support and original validation data for this product please contact:

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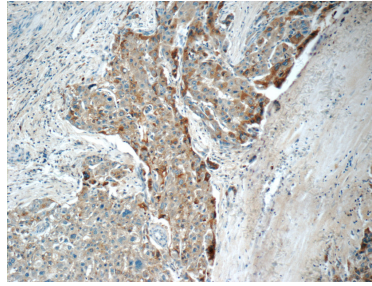
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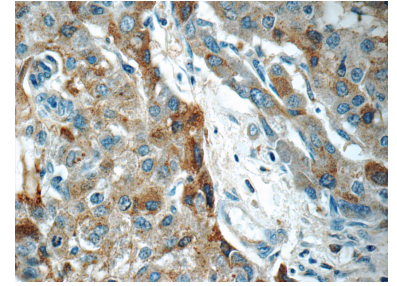
Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 66181-1-Ig (LBP Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66181-1-Ig (LBP Antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66181-1-Ig (LBP Antibody) at dilution of 1:50 (under 40x lens).