



20150116ML

# Anti-Mouse LBP (#11B31)

**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

<b>Cat.-no.:</b>	<b>103-M506</b>
Size:	100 µg
Lot. No.:	According to product label

**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a rat immunized with recombinant mouse LBP). The IgG fraction of culture supernatant was purified by Protein G affinity chromatography and lyophilized.

## Target Background

<b>Synonyms (Target):</b>	Lipopolysaccharide binding protein; Ly88; Bpifd2
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Murine LBP belongs to the BPI/LBP/Plunc superfamily. The factor is secreted and binds to the lipid A moiety of bacterial lipopolysaccharides (LPS), a glycolipid present in the outer membrane of all Gram-negative bacteria. LBP acts as an affinity enhancer for CD14, facilitating its association with LPS.

## Database References Target

<b>Protein RefSeq:</b>	NP_032515.2
<b>Uniprot ID:</b>	Q61805
<b>mRNA RefSeq:</b>	NM_008489.2

## Product Specifications

<b>Host</b>	Rat
<b>Reactivity against</b>	Mouse
<b>Clonality</b>	Monoclonal Antibody
<b>Clone</b>	(#11B31)
<b>Isotype</b>	IgG1
<b>Purification</b>	Protein A/G chromatography
<b>Antigen</b>	Recombinant mouse LBP
<b>Formulation</b>	lyophilized
<b>Reconstitution buffer</b>	PBS (sterile)

**Reconstitution:** Reconstitute the antibody with 500 µl sterile PBS and the final concentration is 200 µg/ml.

**Stability:** Lyophilized samples are stable for 2 years from date of receipt when stored at -70 °C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

**Remarks:** This antibody recognizes human LBP by direct ELISA.

**AVOID REPEATED FREEZE AND THAW CYCLES!**

## Applications

The antibody can be used within the following applications:  
ELISA, N

**Recommended usage:****ELISA:** Use at 1:1000-2000;**Neutralization:** Yes

**NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!**