



[Go to Product page](#)

Datasheet for ABIN7426277
anti-LBP antibody (AA 27-481)

2 Images

Overview

Quantity:	100 µL
Target:	LBP
Binding Specificity:	AA 27-481
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This LBP antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Lipopolysaccharide Binding Protein (LBP)
Immunogen:	Recombinant Lipopolysaccharide Binding Protein (LBP) corresponding to Asn27~Val481 with N-terminal His Tag
Clone:	C1
Isotype:	IgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against LBP. It has been selected for its ability to recognize LBP in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

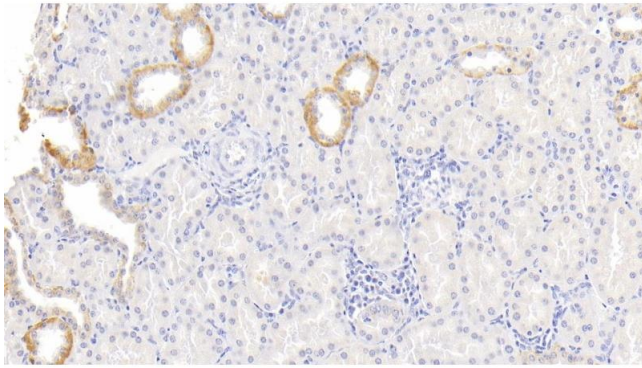
Target:	LBP
Alternative Name:	Lipopolysaccharide Binding Protein (LBP Products)
Background:	LPS-Binding Protein
Pathways:	TLR Signaling , Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Positive Regulation of Immune Effector Process , Toll-Like Receptors Cascades , Monocarboxylic Acid Catabolic Process

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

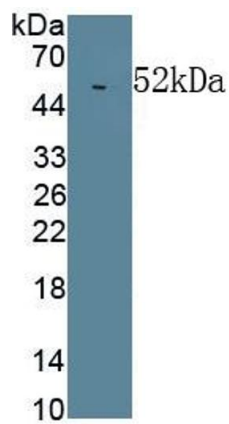
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of LBP in Human Kidney Tissue using Monoclonal Antibody to Lipopolysaccharide Binding Protein (LBP)



Western Blotting

Image 2. Detection of Recombinant LBP, Human using Monoclonal Antibody to Lipopolysaccharide Binding Protein (LBP)