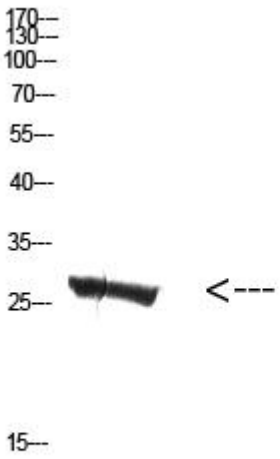
MBL-C Monoclonal Antibody

Catalog No	BYmab-14099
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	MBL2 COLEC1 MBL
Protein Name	mannose-binding lectin (protein C) 2, soluble (opsonic defect)
Immunogen	Synthetic peptide from human protein at AA range: 21-70
Specificity	The antibody detects endogenous MBL-C 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 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MBL2 COLEC1 MBL
Observed Band	27kD
Cell Pathway	Secreted .
Tissue Specificity	Plasma protein produced mainly in the liver.
Function	disease:Genetic variations in MBL2 are associated with susceptibility to hepatitis B virus infection (HBV infection) [MIM:610424]. Approximately one third of all cases of cirrhosis and half of all cases of hepatocellular carcinoma can be attributed to chronic HBV infection. HBV infection may result in subclinical or asymptomatic infection, acute self-limited hepatitis, or fulminant hepatitis requiring liver transplantation.,disease:There is an association between low levels of MBL2 and a defect of opsonization which results in susceptibility to frequent and chronic infections.,function:Binds mannose and N-acetylglucosamine in a calcium-dependent manner. Is caMABle of host defense against pathogens, by activating the classical complement pathway independently of the antibody.,online information:Mannose-binding protein,similarity:Contains 1 C-type lectin domain.,similarity:Contains 1 colla

Background	This gene encodes the soluble mannose-binding lectin or mannose-binding protein found in serum. The protein encoded belongs to the collectin family and is an important element in the innate immune system. The protein recognizes mannose and N-acetylglucosamine on many microorganisms, and is caMABle of activating the classical complement pathway. Deficiencies of this gene have been associated with susceptibility to autoimmune and infectious diseases. [provided by RefSeq, Jul 2008],
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 MBL-C Monoclonal Antibody