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Anti-Mannose Binding Protein Antibody

Rabbit polyclonal antibody to Mannose Binding Protein
Catalog # AP60969

Specification

Anti-Mannose Binding Protein Antibody - Product Information

Application	**WB**
Primary Accession	P11226
Other Accession	P41317
Reactivity	**Human, Mouse, Rat**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**26144**

Anti-Mannose Binding Protein Antibody - Additional Information

Gene ID 4153

Other Names
COLEC1; MBL; Mannose-binding protein C; MBP-C; Collectin-1; MBP1; Mannan-binding protein; Mannose-binding lectin

Target/Specificity
Recognizes endogenous levels of Mannose Binding Protein protein.

Dilution
WB~~WB (1/500 - 1/1000)

Format
Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage
Store at -20 °C.Stable for 12 months from date of receipt

Anti-Mannose Binding Protein Antibody - Protein Information

Name MBL2 (HGNC:6922)

Synonyms COLEC1, MBL

Function
Calcium-dependent lectin involved in innate immune defense (PubMed:35102342). Binds mannose, fucose and N-acetylglucosamine on different microorganisms and activates the lectin complement pathway. Binds to late apoptotic cells, as well as to apoptotic blebs and to necrotic cells, but not to early apoptotic cells, facilitating their uptake by macrophages. May bind DNA. Upon SARS coronavirus-2/SARS-CoV-2 infection, activates the complement lectin pathway which

leads to the inhibition SARS-CoV-2 infection and a reduction of the induced inflammatory response (PubMed:35102342).

Cellular Location
Secreted.

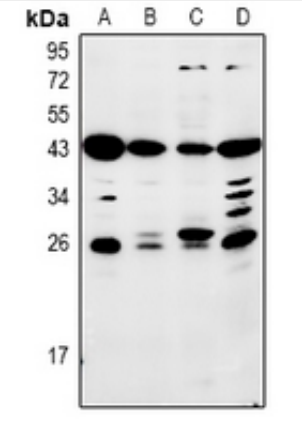
Tissue Location
Plasma protein produced mainly in the liver.

Anti-Mannose Binding Protein Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-Mannose Binding Protein Antibody - Images



Western blot analysis of Mannose Binding Protein expression in HepG2 (A), AML12 (B), PC12 (C), LO2 (D) whole cell lysates.

Anti-Mannose Binding Protein Antibody - Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Mannose Binding Protein. The exact sequence is proprietary.