

**Anti-Mannose Binding Protein Antibody**  
Rabbit polyclonal antibody to Mannose Binding Protein  
Catalog # AP60969

**Specification**

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**Anti-Mannose Binding Protein Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">P11226</a>
Other Accession	<a href="#">P41317</a>
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: <a href="http://www.uniprot.org/citations/35102342" target="\_blank">35102342</a>). 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:<a href="http://www.uniprot.org/citations/35102342" target="\_blank">35102342</a>).

#### Cellular Location

Secreted.

#### Tissue Location

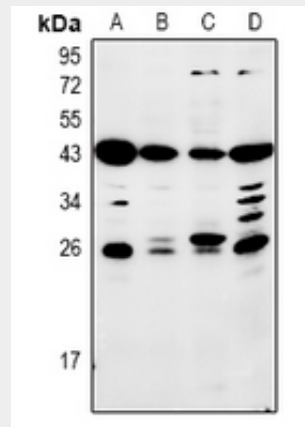
Plasma protein produced mainly in the liver.

### 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 Cytometry](#)
- [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.