

Anti-Mannose Binding Protein Antibody

Rabbit polyclonal antibody to Mannose Binding Protein Catalog # AP60969

Product Information

Application WB
Primary Accession P11226
Other Accession P41317

Reactivity Human, Mouse, Rat

Host Rabbit
Clonality Polyclonal
Calculated MW 26144

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 KLH-conjugated synthetic peptide encompassing a sequence within the center

region of human Mannose Binding Protein. The exact sequence is proprietary.

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

Protein Information

Name MBL2 (HGNC:6922)

Synonyms COLEC1, MBL

Function Calcium-dependent lectin involved in innate immune defense

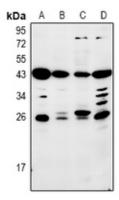
(PubMed:<u>35102342</u>). Binds mannose, fucose and N-acetylglucosamine on different microorganisms and activates the lectin complement pathway. Binds to late apoptotic cells, as well as to apoptotic blebs and to necrotic cells, but not to early apoptotic cells, facilitating their uptake by macrophages. 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:<u>35102342</u>).

Cellular Location Secreted.

Background

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

Images



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

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