

MBL-C Polyclonal Antibody

Catalog # AP74003

Specification

MBL-C Polyclonal Antibody - Product Information

Application
Primary Accession
Reactivity
Host
Clonality

WB P11226 Human, Mouse Rabbit

Polyclonal

MBL-C Polyclonal Antibody - Additional Information

Gene ID 4153

Other Names MBL2 COLEC1 MBL

Dilution

WB~~WB 1:500-2000, ELISA 1:10000-20000

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions -20°C

MBL-C Polyclonal 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.

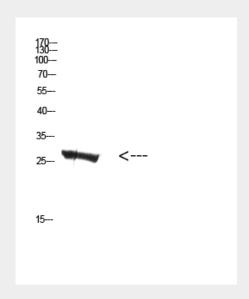


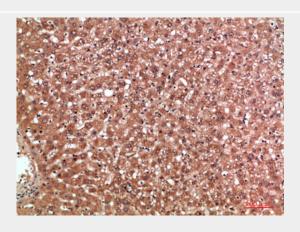
MBL-C Polyclonal Antibody - Protocols

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

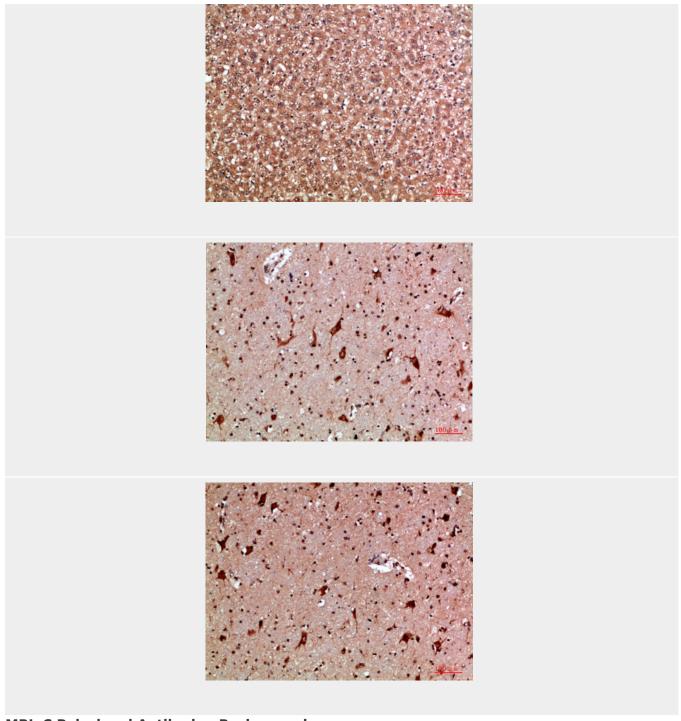
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MBL-C Polyclonal Antibody - Images









MBL-C Polyclonal Antibody - Background

Calcium-dependent lectin involved in innate immune defense. 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.