

### **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:<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.

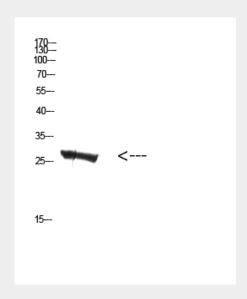


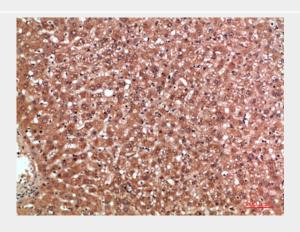
# **MBL-C Polyclonal Antibody - Protocols**

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

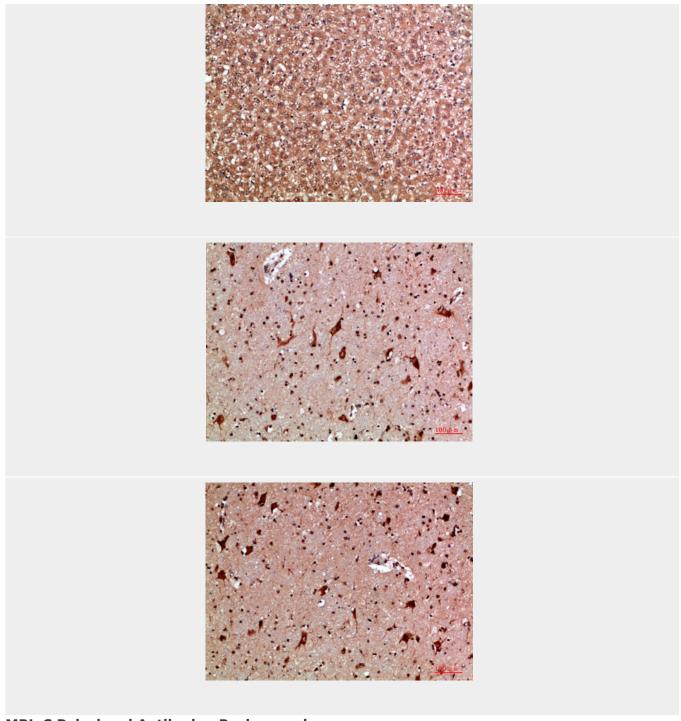
- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

# **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.