

## MBL2 Polyclonal Antibody

**catalog number: E-AB-19517**

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

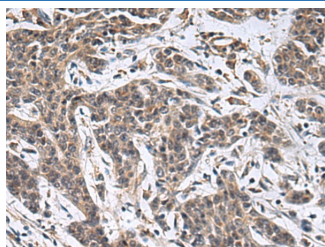
### Description

<b>Reactivity</b>	Human;Rat
<b>Immunogen</b>	Synthetic peptide of human MBL2
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen affinity purification
<b>Buffer</b>	Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol.

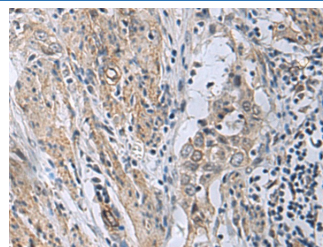
### Applications Recommended Dilution

<b>IHC</b>	1:50-1:100
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### Data



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using MBL2 Polyclonal Antibody at dilution of 1:25(×200)



Immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using MBL2 Polyclonal Antibody at dilution of 1:25(×200)

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

MBL2 (Mannose Binding Lectin 2) is a Protein Coding gene. Diseases associated with MBL2 include Chronic Infection s, Due To Mbl Deficiency and Pulmonary Tuberculosis. Among its related pathways are Complement Pathway and Innate Immune System. GO annotations related to this gene include calcium ion binding and calcium-dependent protein binding. An important paralog of this gene is SFTPD. This gene encodes the soluble mannose-binding lectin or mannose-binding protein found in serum. The protein encoded belongs to the collectin family and is an important element in the innate immune system. The protein recognizes mannose and N-acetylglucosamine on many microorganisms, and is capable of activating the classical complement pathway. Deficiencies of this gene have been associated with susceptibility to autoimmune and infectious diseases.

### For Research Use Only