

## Datasheet

### MBL2 polyclonal antibody

**Catalog Number:** PAB6716

**Regulation Status:** For research use only (RUO)

**Product Description:** Goat polyclonal antibody raised against synthetic peptide of MBL2.

**Immunogen:** A synthetic peptide corresponding to human MBL2.

**Sequence:** STSHLAVCEFP

**Host:** Goat

**Theoretical MW (kDa):** 26.1

**Reactivity:** Human

**Applications:** ELISA, WB-Ti

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Form:** Liquid

**Purification:** Antigen affinity purification

**Concentration:** 0.5 mg/mL

**Recommend Usage:** ELISA (1:4000)

Western Blot (1-3 ug/mL)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)

**Storage Instruction:** Store at -20°C.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 4153

**Gene Symbol:** MBL2

**Gene Alias:** COLEC1, HSMBPC, MBL, MBP, MBP1, MGC116832, MGC116833

**Gene Summary:** 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. [provided by RefSeq]

#### References:

1. Mannan binding lectin as an adjunct to risk assessment for myocardial infarction in individuals with enhanced risk. Saevarsdottir S, Oskarsson OO, Aspelund T, Eiriksdottir G, Vikingsdottir T, Gudnason V, Valdimarsson H. J Exp Med. 2005 Jan 3;201(1):117-25. Epub 2004 Dec 28.