

Anti-MBL2(Mannose-binding protein C) Polyclonal Antibody

Cat. #: 60B151

Description:

MBL2(Mannose-binding protein C) binds mannose and N-acetylglucosamine in a calcium-dependent manner. MBL2 is capable of host defense against pathogens, by activating the classical complement pathway independently of the antibody. There is an association between low levels of MBL2 and a defect of opsonization which results in susceptibility to frequent and chronic infections. MBL2 contains 1 C-type lectin domain and 1 collagen-like domain

Immunogen/Specificity:

Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of human MBL2(Mannose-binding protein C precursor)

References

Madsen,H.O., et al, J. Immunol. 161 (6), 3169-3175 (1998)
Sastry,K., et al, J. Exp. Med. 170 (4), 1175-1189 (1989)
Ezekowitz,R.A., et al, J. Exp. Med. 167 (3), 1034-1046 (1988)
Taylor,M.E., et al, Biochem. J. 262 (3), 763-771 (1989)
Kurata,H., et al, J. Biochem. 115 (6), 1148-1154 (1994)
Thiel,S., et al, Nature 386 (6624), 506-510 (1997)
Sheriff,S., et al, Nat. Struct. Biol. 1 (11), 789-794 (1994)
Lipscombe,R.J., et al, Hum. Mol. Genet. 1 (9), 709-715 (1992)

Clone Number:

Isotype:

Species: human

Storage and Stability: at -20oC

Storage buffer:

This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:

Purified by antigen-specific affinity chromatography.

Applications :

ELISA

Western Blotting (1µg/ml for 2hrs)