
Mannan-binding Lectin (3B6) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 250353

Unit: 0.2 mg

Description:

Mannan-binding lectin (MBL), also called mannan-binding lectin or protein, belongs to the C-type family of collectins, showing calcium-dependent binding to certain sugars. It consists of oligomers of triple-chain subunits and its binding and complement activating activities depend on its normal oligomerization. On binding to mannan-like microbial surface carbohydrates, MBL activates the complement system by means of its own lectin pathway, dependent on the MBL-associated serine proteases (MASPs). Because of the presence of different structural and promoter alleles in the population, 12% or more of the population have low concentrations (

Isotype: Mouse IgG1/k

Applications: E, WB, IHC

Species Reactivity: H

Format: Each vial contains 0.2 mg IgG in 0.2 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-A/G affinity chromatography.

Alternate Names: Mannose-binding protein C; MBP-C; MBP1; Mannose-binding lectin; mannan-binding protein; MBL2; MBL

Accession No.: P11226

Antigen: MBL purified from human donor plasma and adsorbed onto aluminum hydroxide

Application Notes: Product Cat. No. 250353 is selective for normally oligomerized MBL when used as both capture and detection antibody in sandwich ELISA. Product Cat. No. 250353 reacts in western blot with human MBL in oligomerized state and as single protein chain of 26 kDa. Product Cat. No. 250353 is also used for immunohistochemistry on frozen or paraffin-embedded human liver and brain tissue samples. E: 1:20,000; WB: 1:1,000; IHC: 1:500

Storage: Store at 4°C. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.