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## Datasheet for ABIN1108118 **anti-MBP/MBL antibody**

### Overview

Quantity:	0.1 mg
Target:	MBP/MBL
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MBP/MBL antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Frozen Sections) (IHC (fro)), Enzyme Immunoassay (EIA), Neutralization (Neut)

### Product Details

Clone:	3-00E-007
Isotype:	IgG1
Cross-Reactivity (Details):	Species reactivity (tested):Human.

### Target Details

Target:	MBP/MBL
Alternative Name:	Mannan Binding Protein ( <a href="#">MBP/MBL Products</a> )
Background:	Mannose Binding Lectin (MBL) also called mannose- or mannan-binding protein (MBP) is a member of the group of Collectins. MBL is an oligomeric lectin that recognizes carbohydrates as mannose and N-acetylglucosamine on pathogens. MBL contains a cysteine rich, a collagen like and a carbohydrate recognition domain. It forms a complex with C1r/C1s like serine

## Target Details

proteases designated MASPs that proteolytically cleave C4, C2 and C3. MBL is able to activate the complement pathway independent of the classical and alternative complement activation pathways. The MBL-MASP pathway (better known as the lectin pathway) is antibody and C1q-independent. MBL exhibits complement-dependent antibacterial activity and acts directly as an opsonic and therefore plays an important role in innate immunity. MBL is synthesized by hepatocytes and has been isolated from the liver or serum of various vertebrate species. Synonyms: MBL, MBL2, MBP, MBP-C, MBP1, Mannan-binding protein, Mannose-binding lectin, Mannose-binding protein C

Gene ID: 9606

UniProt: [P11226](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Concentration: 0,1 mg/mL

Buffer: PBS, 0,02 % sodium azide, 0,1 % BSA

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: Store the antibody undiluted at 2-8 °C.