

Product datasheet

Anti-Mannan Binding Lectin/MBL antibody [1E2] ab23458

4 References

Overview

Product name	Anti-Mannan Binding Lectin/MBL antibody [1E2]
Description	Mouse monoclonal [1E2] to Mannan Binding Lectin/MBL
Host species	Mouse
Tested applications	Suitable for: ELISA, WB
Species reactivity	Reacts with: Human
Immunogen	Full length protein corresponding to Human Mannan Binding Lectin/MBL.
General notes	ab23458 reacts with human MBL both in its poltmeric conformation and as a single subunit of moleculat mass 26 kDa. Can be applied for quantitative measurement of MBL in plasma or serum.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	pH: 7.40 Preservative: 0.097% Sodium azide Constituents: 0.0268% PBS, 2.9% Sodium chloride
Purity	Protein G purified
Primary antibody notes	Ab 23458 reacts with human MBL both in its poltmeric conformation and as a single subunit of moleculat mass 26 kDa. Can be applied for quantitative measurement of MBL in plasma or serum.
Clonality	Monoclonal
Clone number	1E2
Myeloma	x63-Ag8.653
Isotype	IgG1
Light chain type	kappa

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab23458 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		1/10000.
WB		Use at an assay dependent dilution. Predicted molecular weight: 26 kDa.

Target

Function	Calcium-dependent lectin involved in innate immune defense. Binds mannose, fucose and N-acetylglucosamine on different microorganisms and activates the lectin complement pathway. Binds to late apoptotic cells, as well as to apoptotic blebs and to necrotic cells, but not to early apoptotic cells, facilitating their uptake by macrophages. May bind DNA.
Tissue specificity	Plasma protein produced mainly in the liver.
Involvement in disease	Note=There is an association between low levels of MBL2 and a defect of opsonization which results in susceptibility to frequent and chronic infections.
Sequence similarities	Contains 1 C-type lectin domain. Contains 1 collagen-like domain.
Cellular localization	Secreted.

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