

Product datasheet

Human Mannan Binding Lectin peptide (237-248)
(Carboxyterminal end) ab45655

Overview

Product name Human Mannan Binding Lectin peptide (237-248) (Carboxyterminal end)

Description

Nature Synthetic
Amino Acid Sequence
Species Human
Sequence STSHLAVCEFPI
Amino acids 237 to 248

Specifications

Our [Abpromise guarantee](#) covers the use of **ab45655** in the following tested applications.
 The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications Blocking - Blocking peptide for Anti-Mannan Binding Lectin antibody ([ab31296](#))
Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.

General Info

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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- Replacement or refund for products not performing as stated on the datasheet
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