



# Human MBL2 blocking peptide (CDBP1837)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-MBL2/Mannan-Binding Lectin antibody
<b>Antigen Description</b>	This gene encodes the soluble mannose-binding lectin or mannose-binding protein found in serum. The protein encoded belongs to the collectin family and is an important element in the innate immune system. The protein recognizes mannose and N-acetylglucosamine on many microorganisms, and is capable of activating the classical complement pathway. Deficiencies of this gene have been associated with susceptibility to autoimmune and infectious diseases. [provided by RefSeq, Jul 2008]
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">MBL2 mannose-binding lectin (protein C) 2, soluble [ Homo sapiens ]</a>
<b>Official Symbol</b>	MBL2
<b>Synonyms</b>	MBL2; mannose-binding lectin (protein C) 2, soluble; mannose binding lectin (protein C) 2, soluble (opsonic defect) , MBL; mannose-binding protein C; COLEC1; collectin-1; mannan-

binding lectin; mannose-binding lectin 2, soluble (opsonic defect); mannose-binding lectin (protein C) 2, soluble (opsonic defect); MBL; MBP; MBP1; MBL2D; MBP-C; HSMBPC; MGC116832; MGC116833;

Entrez Gene ID	<a href="#">4153</a>
mRNA Refseq	<a href="#">NM_000242</a>
Protein Refseq	<a href="#">NP_000233</a>
UniProt ID	P11226
Chromosome Location	10q11.2
Pathway	Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; Complement cascade, organism-specific biosystem; Creation of C4 and C2 activators, organism-specific biosystem; Immune System, organism-specific biosystem; Initial triggering of complement, organism-specific biosystem; Innate Immune System, organism-specific biosystem;
Function	bacterial cell surface binding; calcium-dependent protein binding; eukaryotic cell surface binding; mannose binding; mannose binding; protein binding; receptor binding; sugar binding;