



## Human MBL2 blocking peptide (CDBP1837)

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

### PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-MBL2/Mannan-Binding Lectin antibody
Antigen Description	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]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

### GENE INFORMATION

Gene Name	<a href="#">MBL2 mannose-binding lectin (protein C) 2, soluble [ Homo sapiens ]</a>
Official Symbol	MBL2
Synonyms	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; mann-

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;

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<b>Entrez Gene ID</b>	<a href="#">4153</a>
<b>mRNA Refseq</b>	<a href="#">NM_000242</a>
<b>Protein Refseq</b>	<a href="#">NP_000233</a>
<b>UniProt ID</b>	P11226
<b>Chromosome Location</b>	10q11.2
<b>Pathway</b>	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;
<b>Function</b>	bacterial cell surface binding; calcium-dependent protein binding; eukaryotic cell surface binding; mannose binding; mannose binding; protein binding; receptor binding; sugar binding;

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