LGALS2 Antibody (Center) Blocking Peptide

PRODUCT OVERVIEW

Product Name	LGALS2, Blocking Peptide
Full Product Name	LGALS2 Antibody (Center) Blocking Peptide
Product Gene Name	LGALS2 blocking peptide
Product Synonym Names	Galectin-2; Gal-2; Beta-galactoside-binding lectin L-14-II; HL14; Lactose-binding lectin 2; S-Lac lectin 2; LGALS2
Form/Format	Synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml DI water for a final concentration of 1 mg/ml.
Specificity	The synthetic peptide sequence used to generate the antibody was selected from the Center region of human LGALS2. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.
Antibody/Peptide Pairs	LGALS2 peptide (MBS9227824) is used for blocking the activity of LGALS2 antibody (MBS9207153)
Molecular Weight	14,644 Da
OMIM	150571
Related Product Information for LGALS2 blocking peptide	This protein binds beta-galactoside. Its physiological function is not yet known.
Other Notes	Small volumes of LGALS2 blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for LGALS2 purchase	MBS9227824 is a blocking peptide targeting LGALS2. Also known as LGALS2 Antibody (Center) Blocking Peptide.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LGALS2. It may not necessarily be applicable to this product.

NCBI GI #	585388
NCBI GeneID	3957
NCBI Accession #	P05162.3
UniProt Primary Accession #	P05162
UniProt Secondary Accession #	Q6FGY4
UniProt Related Accession #	P05162
NCBI Official Full Name	Galectin-2
NCBI Official Synonym Full Names	galectin 2
NCBI Official Symbol	LGALS2
NCBI Official Synonym Symbols	HL14
UniProt Protein Name	Galectin-2
UniProt Synonym Protein Names	Beta-galactoside-binding lectin L-14-II; HL14; Lactose-binding lectin 2; S-Lac lectin 2

UniProt Gene Name	LGALS2
UniProt Synonym Gene Names	Gal-2
UniProt Entry Name	LEG2_HUMAN
NCBI Protein Information	galectin-2
NCBI Summary for LGALS2	The protein encoded by this gene is a soluble beta-galactoside binding lectin. The encoded protein is found as a homodimer and can bind to lymphotoxin-alpha. A single nucleotide polymorphism in an intron of this gene can alter the transcriptional level of the protein, with a resultant increased risk of myocardial infarction. [provided by RefSeq, Jul 2008]
UniProt Comments for LGALS2	galectin-2: This protein binds beta-galactoside. Its physiological function is not yet known. Chromosomal Location of Human Ortholog: 22q13.1 Molecular Function: protein binding Disease: Myocardial Infarction, Susceptibility To
Research Articles on LGALS2	**1.** Galectin-2 binding to different circulating human monocyte subsets depends on monocyte surface expression levels of CD14. It skews human macrophages to a M1-like proinflammatory phenotype.
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