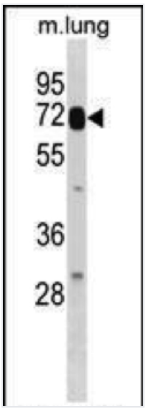
LGALS3BP Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	LGALS3BP, Polyclonal Antibody
Full Product Name	LGALS3BP, ID (LGALS3BP, M2BP, Galectin-3-binding protein, Basement membrane autoantigen p105, Lectin galactoside-binding soluble 3-binding protein, Mac-2-binding protein, Tumor-associated antigen 90K) (MaxLight 405)
Product Gene Name	anti-LGALS3BP antibody
Product Synonym Names	LGALS3BP; M2BP; Galectin-3-binding protein; Basement membrane autoantigen p105; Lectin galactoside-binding soluble 3-binding protein; Mac-2-binding protein; Tumor-associated antigen 90K
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human, Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight405.
Purity/Purification	Purified by Protein A and Peptide Affinity Chromatography.
Specificity	Recognizes LGALS3BP. Species crossreactivity: mouse
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight405 conjugates are sensitive to light. For maximum recovery of product, centrifuge the original vial prior to removing the cap.
Molecular Weight	65,331 Da
OMIM	600626
3D Structure	ModBase 3D Structure for Q08380
Immunogen	KLH-conjugated synthetic peptide mapping to a fragment of residues within amino acids 383-412 in the central region of human LGALS3BP.
Conjugate	MaxLight405
Note	Preservative Free
Product Categories/Family for anti-LGALS3BP antibody	Antibodies; Lectins
Applications Tested/Suitable for anti-LGALS3BP antibody	Western Blot (WB), FLISA
Application Notes for anti-LGALS3BP antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-LGALS3BP antibody	The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. LGALS3BP has been found elevated in the serum of patients with cancer and in those infected by the human immunodeficiency virus (HIV). It appears to be implicated in immune response associated with natural killer (NK) and lymphokine-activated killer (LAK) cell cytotoxicity. Using fluorescence in situ hybridization the full length 90K cDNA has been localized to chromosome 17q25. The native protein binds specifically to a human macrophage-associated lectin known as Mac-2 and also binds galectin 1.

Product References and Citations for anti-LGALS3BP antibody	1. Davila, S., et al. Genes Immun. 11(3):232-238(2010). 2. Srirajaskanthan, R., et al. Mol. Cell Proteomics 9(4):656-666(2010). 3. Zambelli, D., et al. Int. J. Cancer 126(1):41-52(2010). 4. Lee, J.H., et al. Pathology 41(3):229-233(2009). 5. Kim, S.J., et al. Acta Haematol. 120(4):211-216(2008).
Other Notes	Small volumes of anti-LGALS3BP antibody 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 LGALS3BP purchase	MBS6315805 is an antibody targeting LGALS3BP. Also known as LGALS3BP, ID (LGALS3BP, M2BP, Galectin-3-binding protein, Basement membrane autoantigen p105, Lectin galactoside-binding soluble 3-binding protein, Mac-2-binding protein, Tumor-associated antigen 90K) (MaxLight 405). Reactive in Human, Mouse. Host: Rabbit.



Western Blot (WB) of anti-LGALS3BP antibody
Western Blot analysis in mouse lung tissue lysates (35ug/lane) usingMBS645918. This demonstrates that MBS645918 detected the LGALS3BP protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for LGALS3BP. It may not necessarily be applicable to this product.

NCBI GI #	5031863
NCBI GeneID	3959
NCBI Accession #	NP_005558.1
UniProt Primary Accession #	Q08380
UniProt Secondary Accession #	Q7M4S0; Q9UCH8; Q9UCH9; Q9UCI0
UniProt Related Accession #	Q08380
GenBank Nucleotide #	NM_005567.3
NCBI Official Full Name	galectin-3-binding protein
NCBI Official Synonym Full Names	galectin 3 binding protein
NCBI Official Symbol	LGALS3BP
NCBI Official Synonym Symbols	90K; M2BP; gp90; CyCAP; BTBD17B; MAC-2-BP; TANGO10B
UniProt Protein Name	Galectin-3-binding protein
UniProt Synonym Protein Names	Basement membrane autoantigen p105; Lectin galactoside-binding soluble 3-binding protein; Mac-2-binding protein; MAC2BP; Mac-2 BP; Tumor-associated antigen 90K
Protein Family	Galectin-3-binding protein
UniProt Gene Name	LGALS3BP
UniProt Synonym Gene Names	M2BP; MAC2BP; Mac-2 BP
UniProt Entry Name	LG3BP_HUMAN

NCBI Protein Information	galectin-3-binding protein
UniProt Comments for LGALS3BP	LGALS3BP: Promotes intergrin-mediated cell adhesion. May stimulate host defense against viruses and tumor cells. Protein type: Secreted, signal peptide; Secreted Chromosomal Location of Human Ortholog: 17q25 Cellular Component: extracellular matrix; extracellular region; extracellular space; membrane; proteinaceous extracellular matrix Molecular Function: scavenger receptor activity Biological Process: cell adhesion; cellular defense response; platelet degranulation; receptor-mediated endocytosis; signal transduction
Research Articles on LGALS3BP	**1.** These results provide evidence that low expression of LGALS3BP participates in malignant progression of colorectal cancer.
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