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LGALS3BP Blocking Peptide (Center)

Synthetic peptide
Catalog # BP19780c

Specification

LGALS3BP Blocking Peptide (Center) - Product Information

Primary Accession	Q08380
Other Accession	NP_005558.1

LGALS3BP Blocking Peptide (Center) - Additional Information

Gene ID 3959

Other Names
Galectin-3-binding protein, Basement membrane autoantigen p105, Lectin galactoside-binding soluble 3-binding protein, Mac-2-binding protein, MAC2BP, Mac-2 BP, Tumor-associated antigen 90K, LGALS3BP, M2BP

Target/Specificity
The synthetic peptide sequence is selected from aa 398-412 of HUMAN LGALS3BP

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

LGALS3BP Blocking Peptide (Center) - Protein Information

Name LGALS3BP

Synonyms M2BP

Function
Promotes integrin-mediated cell adhesion. May stimulate host defense against viruses and tumor cells.

Cellular Location
Secreted. Secreted, extracellular space, extracellular matrix

Tissue Location
Ubiquitous. Detected in body fluids such as semen, milk, serum, tears, saliva and urine. Expressed by keratinocytes and fibroblasts.

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LGALS3BP Blocking Peptide (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

LGALS3BP Blocking Peptide (Center) - Images

LGALS3BP Blocking Peptide (Center) - Background

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.

LGALS3BP Blocking Peptide (Center) - References

Davila, S., et al. Genes Immun. 11(3):232-238(2010)
Srirajaskanthan, R., et al. Mol. Cell Proteomics 9(4):656-666(2010)
Zambelli, D., et al. Int. J. Cancer 126(1):41-52(2010)
Lee, J.H., et al. Pathology 41(3):229-233(2009)
Kim, S.J., et al. Acta Haematol. 120(4):211-216(2008)