

## 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.



#### **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)