

**LGALS7 Blocking Peptide(Center)**  
**Synthetic peptide**  
**Catalog # BP19680c****Specification**

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**LGALS7 Blocking Peptide(Center) - Product Information**

Primary Accession [P47929](#)  
Other Accession [NP\\_001035972.1](#), [NP\\_002298.1](#)

**LGALS7 Blocking Peptide(Center) - Additional Information**

**Gene ID** 3963;653499

**Other Names**

Galectin-7, Gal-7, HKL-14, PI7, p53-induced gene 1 protein, LGALS7, PIG1

**Target/Specificity**

The synthetic peptide sequence is selected from aa 69-82 of HUMAN LGALS7

**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.

**LGALS7 Blocking Peptide(Center) - Protein Information**

**Name** LGALS7

**Synonyms** PIG1

**Function**

Could be involved in cell-cell and/or cell-matrix interactions necessary for normal growth control. Pro-apoptotic protein that functions intracellularly upstream of JNK activation and cytochrome c release.

**Cellular Location**

Cytoplasm. Nucleus. Secreted. Note=May be secreted by a non-classical secretory pathway

**Tissue Location**

Mainly expressed in stratified squamous epithelium.

## **LGALS7 Blocking Peptide(Center) - Protocols**

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

- [Blocking Peptides](#)

## **LGALS7 Blocking Peptide(Center) - Images**

## **LGALS7 Blocking Peptide(Center) - Background**

The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. Differential and in situ hybridization studies indicate that this lectin is specifically expressed in keratinocytes and found mainly in stratified squamous epithelium. A duplicate copy of this gene (GeneID:653499) is found adjacent to, but on the opposite strand on chromosome 19.

## **LGALS7 Blocking Peptide(Center) - References**

Demers, M., et al. Am. J. Pathol. 176(6):3023-3031(2010)  
Zhu, X., et al. BMC Cancer 10, 290 (2010) :  
Park, J.E., et al. Oncol. Rep. 22(6):1373-1379(2009)  
Demers, M., et al. Biochem. Biophys. Res. Commun. 387(3):425-429(2009)  
Saussez, S., et al. Int. J. Oncol. 34(2):433-439(2009)