

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

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)