

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Galectin-3 (N174) Peptide

Cat No.: BS1137P

Background

The galectin-3 protein, also known as Mac-2, hMac-2, GALBP, CBP35 or LGALS3, contains a single carbohydrate binding domain, which binds galactose-containing glycoconjugates. galectin-3 is expressed in colonic and intestinal epithelium, inflammatory macrophages, papillary and follicular carcinomas, neoplastic astrocytes and some B and T lymphocytes. Upregulated expression of galectin-3 is involved in cancer progression and metastasis. galectin-3 mediates the endocytosis of β -1 Integrins in a lactose-dependant manner and is associated with thyroid malignancy and Crohn's disease. It may also be used as a marker for diagnosing cases involving Hurthle cell adenomas and carcinomas.

Swiss-Prot

P17931

Applications

Blocking

Specificity

This peptide can be used with studies using BS1137 Galectin-3 (N174) pAb.

Purification & Purity

Synthetic peptide Galectin-3 (N174). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.