

Galectin-3 (N174) polyclonal antibody

Catalog: BS1137

Host: Rabbit

Reactivity: Human, Mouse, Rat

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.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 30 kDa

Swiss-Prot:

P17931

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

IF: 1:50~1:200

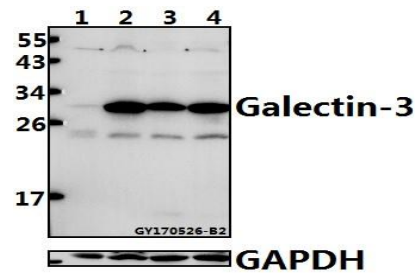
Storage&Stability:

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

Specificity:

Galectin-3 (N174) polyclonal antibody detects endogenous levels of Galectin-3 protein.

DATA:



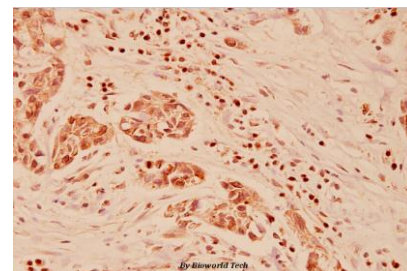
Western blot (WB) analysis of Galectin-3 (N174) polyclonal antibody at 1:500 dilution

Lane1:THP-1 whole cell lysate(40ug)

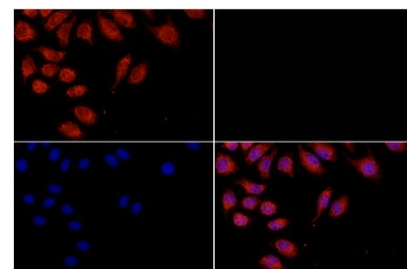
Lane2:L02 whole cell lysate(40ug)

Lane3:HCT116 whole cell lysate(40ug)

Lane4:HepG2 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of Galectin-3 (N174) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.



Immunofluorescence analysis of A549 cells using Galectin-3 (N174) pAb at dilution of 1:200 (40x lens).

Note:

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

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PRODUCT DATA SHEET

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