

For Research Use Only

LGALS3BP Monoclonal antibody

Catalog Number: 60066-2-Ig



Basic Information

Catalog Number:

60066-2-Ig

Size:

150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG0294

GenBank Accession Number:

BC002403

GeneID (NCBI):

3959

UNIPROT ID:

Q08380

Full Name:

lectin, galactoside-binding, soluble, 3 binding protein

Calculated MW:

585 aa, 65 kDa

Observed MW:

90 kDa

Purification Method:

Caprylic acid/ammonium sulfate precipitation

CloneNo.:

3G4F11

Applications

Tested Applications:

ELISA

Species Specificity:

human

Background Information

The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. LGALS3BP is a widely expressed, secreted galectin. It has been found elevated in the serum of patients with various types of breast, lung, colorectal, ovary, and endometrial cancer, and in those infected by the human immunodeficiency virus (HIV). High expression levels of LGALS3BP are associated with a shorter survival, the occurrence of metastasis or a reduced response to chemotherapy. The native protein binds specifically to a human macrophage-associated lectin known as Mac-2 and also binds galectin 1. It appears to be implicated in immune response associated with natural killer (NK) and lymphokine-activated killer (LAK) cell cytotoxicity. Immunoblotting showed that LGALS3BP is likely contained in breast milk, serum, semen, saliva, urine, and tears.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

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Selected Validation Data