

For Research Use Only

Galectin-1 Polyclonal antibody, PBS Only

Catalog Number: 11858-1-PBS

Featured Product



Basic Information

Catalog Number:

11858-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2432

GenBank Accession Number:

BC020675

GeneID (NCBI):

3956

UNIPROT ID:

P09382

Full Name:

lectin, galactoside-binding, soluble, 1

Calculated MW:

15 kDa

Observed MW:

14 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

Galectins are a family of animal lectins defined by shared characteristic amino-acid sequences and affinity for β -galactose-containing oligosaccharides (PMID: 8063692). Galectin-1 contains one carbohydrate recognition domain (CRD) and occurs as a monomer as well as a non-covalent homodimer (PMID: 16840800). It is differentially expressed by various normal and pathological tissues. Galectin-1 is a multifunctional protein that is involved in cell adhesion, migration, proliferation, apoptosis, inflammation, tumour transformation and growth (PMID:15785741).

Storage

Storage:

Store at -80°C .

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

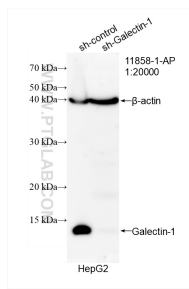
T: 4006900926

E: Proteintech-CN@ptglab.com

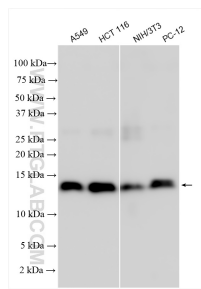
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

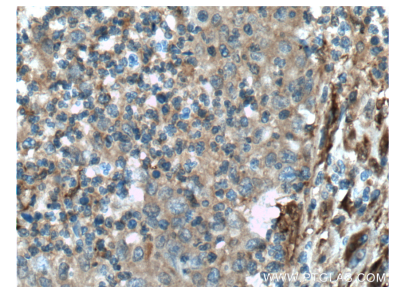
Selected Validation Data



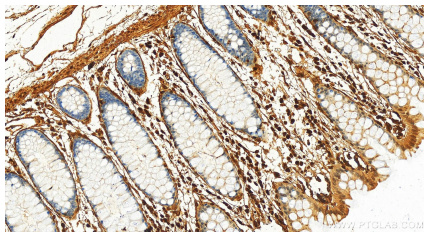
WB result of Galectin-1 antibody (11858-1-AP; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Galectin-1 transfected HepG2 cells. This data was developed using the same antibody clone with 11858-1-PBS in a different storage buffer formulation.



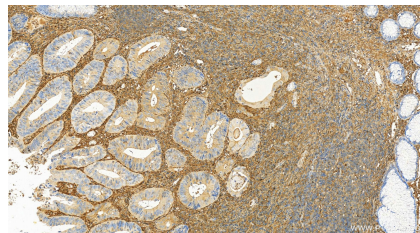
Various lysates were subjected to SDS PAGE followed by western blot with 11858-1-AP (Galectin-1 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 11858-1-PBS in a different storage buffer formulation.



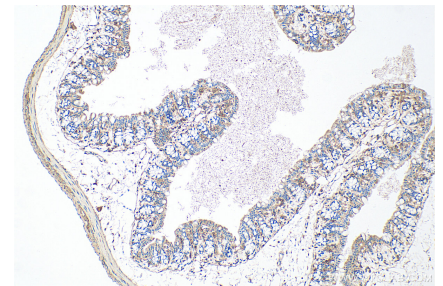
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 11858-1-AP (Galectin-1 antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 11858-1-PBS in a different storage buffer formulation.



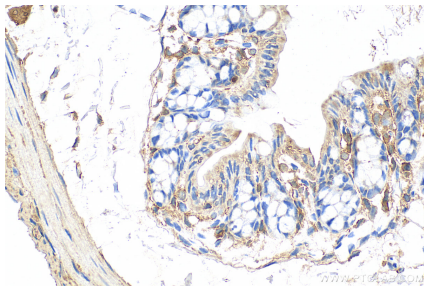
Immunohistochemical analysis of paraffin-embedded human normal colon slide using 11858-1-AP (Galectin-1 antibody) at dilution of 1:1200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 11858-1-PBS in a different storage buffer formulation.



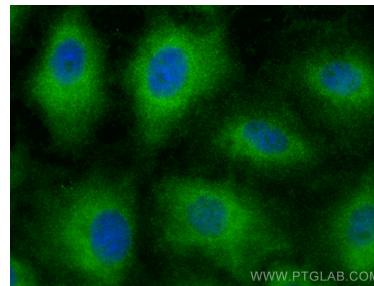
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 11858-1-AP (Galectin-1 antibody) at dilution of 1:2000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 11858-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 11858-1-AP (Galectin-1 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 11858-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 11858-1-AP (Galectin-1 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 11858-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed A549 cells using Galectin-1 antibody (11858-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002). This data was developed using the same antibody clone with 11858-1-PBS in a different storage buffer formulation.