

For Research Use Only

Galectin 8 Polyclonal antibody

Catalog Number: 10955-1-AP



Basic Information

Catalog Number: 10955-1-AP	GenBank Accession Number: BC015818	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 3964	Recommended Dilutions: WB 1:500-1:1000
Source: Rabbit	UNIPROT ID: O00214	IHC 1:200-1:800
Isotype: IgG	Full Name: lectin, galactoside-binding, soluble, 8	IF/ICC 1:200-1:800
Immunogen Catalog Number: AG1387	Calculated MW: 34 kDa	
	Observed MW: 36 kDa, 40 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, ELISA

Species Specificity:
human

Note-IHC: suggested antigen retrieval with **TE buffer pH 9.0; (*)** Alternatively, antigen retrieval may be performed with **citrate buffer pH 6.0**

Positive Controls:

WB : HEK-293 cells, LNCaP cells

IHC : human intrahepatic cholangiocarcinoma tissue,

IF/ICC : HEK-293 cells,

Background Information

Galectin 8 is a member of the galectin family. Galectins are beta-galactoside-binding animal lectins with conserved carbohydrate recognition domains. The galectins have been implicated in many essential functions including development, differentiation, cell-cell adhesion, cell-matrix interaction, growth regulation, apoptosis, and RNA splicing. This gene is widely expressed in tumoral tissues and seems to be involved in integrin-like cell interactions.

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

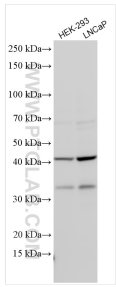
For technical support and original validation data for this product please contact:

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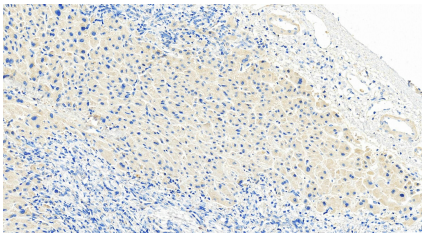
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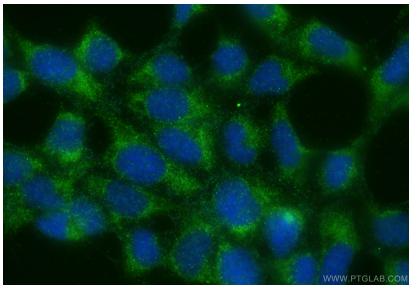
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10955-1-AP (Galectin 8 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 10955-1-AP (Galectin 8 antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using Galectin 8 antibody (10955-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).