

Nur für Forschungszwecke

Galectin-9 Polyklonaler Antikörper

Katalog-Nr.:17938-1-AP

Vorgestelltes Produkt

9 Publikationen



Allgemeine Informationen

Katalog-Nr.:
17938-1-AP

Größe:
150ul, Konzentration: 300 µg/ml von
Nanodrop und 300 µg/ml durch die
Bradford-Methode mit BSA als
Standard;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG12209

GenBank-Zugangsnummer:
BC110340

GeneID (NCBI):
3965

Vollständiger Name:
lectin, galactoside-binding, soluble, 9

Berechnete Masse:
323 aa, 36 kDa

Beobachtete Masse:
45 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:1000
IP 0.5-4.0 µg für IP und 1:500-1:1000
für WB
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:

IF, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IHC, IP, WB

Getestete Reaktivität:

Human, Maus

Zitierte Arten:

Human

Positivkontrollen:

WB : U-937-Zellen, HeLa-Zellen, HepG2-Zellen, HL-60-Zellen, NIH/3T3-Zellen, SGC-7901-Zellen

IP : SGC-7901-Zellen,

IF : HeLa-Zellen,

Hintergrundinformationen

The galectins, formerly known as S-type lectins, are a family of β -galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. Galectin-9 (LGALS9) is a tandem repeat-type member of the galectin family. It has three isoforms (named galectin-9L, galectin-9M, and galectin-9S): long type of 355 amino acids, medium type of 323 amino acids, and short type of 311 amino acids. Galectin-9 is ubiquitously expressed in a variety of tissues, including lymph nodes and spleen, and overexpressed in Hodgkin disease tissue. It is involved in chemoattraction, apoptosis, and the regulation of cell differentiation and has anti-allergic effects. It has been reported that galectin-9 is a ligand for Tim-3, through which galectin-9 can induce T-helper type 1 lymphocyte (Th1) death.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Junyu Fan	30223894	Stem Cell Res Ther	WB
Jiaxing Yang	24919464	Int J Oncol	
Qi Zhang	36435292	J Nutr Biochem	WB

Lagerung

Lagerungsbedingungen:

Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

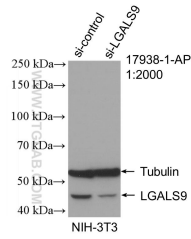
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

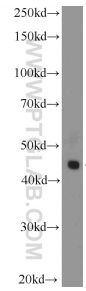
E: proteintech@ptglab.com
W: ptglab.com

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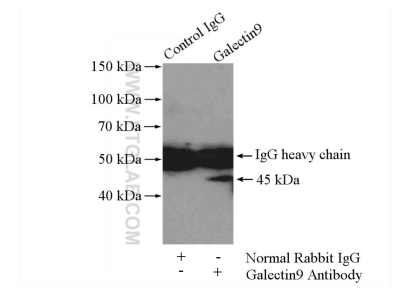
Ausgewählte Validierungsdaten



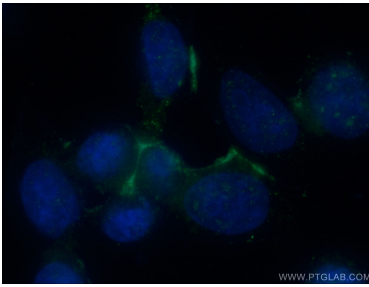
WB result of Galectin 9 antibody (17938-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-Galectin 9 transfected NIH/3T3 cells.



U-937 cells were subjected to SDS PAGE followed by western blot with 17938-1-AP (Galectin 9 antibody at dilution of 1:600 incubated at room temperature for 1.5 hours).



IP Result of anti-Galectin 9 (IP:17938-1-AP, 4ug; Detection:17938-1-AP 1:500) with SGC-7901 cells lysate 2400ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 17938-1-AP (Galectin 9 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).