

Galectin-9 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03453
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human LEG9. AA range:51-100
Mol wt	39518
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Galectin-9 Antibody
Synonyms	LGALS9; Galectin-9; Gal-9; Ecalectin; Tumor antigen HOM-HD-21

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. Galectin-9 is an S-type lectin. It is overexpressed in Hodgkin's disease tissue and might participate in the interaction between the H&RS cells with their surrounding cells and might thus play a role in the pathogenesis of this disease and/or its associated immunodeficiency. Multiple alternatively spliced transcript variants have been found for LGALS9.

Recommended Dilution

WB: 1: 500 - 1: 2000

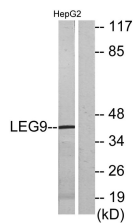
IHC: 1: 100 - 1: 300

IF: 1: 200 - 1: 1000

ELISA: 1: 10000

Not yet tested in other applications.

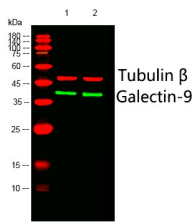
Images



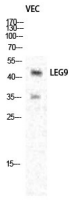
Western blot analysis of lysates from HepG2 cells, using LEG9 Antibody. The lane on the right is blocked with the synthesized peptide.



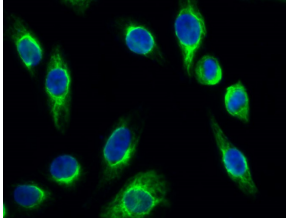
Western Blot analysis of HepG2 cells using Galectin-9 Polyclonal Antibody diluted at 1:1000



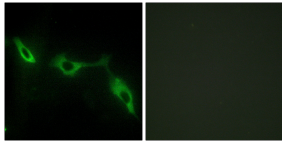
Western blot analysis of lysates from 1) VEC, 2) HepG2 cells, (Green) primary antibody was diluted at 1:1000, 4° over night, Dylight 800 secondary antibody(Immunoway:RS23920)was diluted at 1:10000, 37° 1hour. (Red) Tubulin β Monoclonal Antibody(5G3) (Immunoway:YM3030) antibody was diluted at 1:5000 as loading control, 4° over night,Dylight 680 secondary antibody(Immunoway:RS23710)was diluted at 1:10000, 37° 1hour.



Western Blot analysis of various cells using Galectin-9 Polyclonal Antibody diluted at 1:1000



Immunofluorescence analysis of HeLa cell. 1, Galectin-9 Polyclonal Antibody(green) was diluted at 1:200(4° overnight). 2, Goat Anti Rabbit Alexa Fluor 488 was diluted at 1:1000(room temperature, 50min). 3 DAPI(blue) 10min.



Immunofluorescence analysis of NIH/3T3 cells, using LEG9 Antibody. The picture on the right is blocked with the synthesized peptide.

Storage

-20°C for one year

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