# Galectin 4/LGALS4 Rabbit mAb

Catalog No.: A3691 Recombinant



# **Basic Information**

### **Observed MW**

35kDa

### **Calculated MW**

36kDa

### Category

Primary antibody

### **Applications**

WB,IF-P,IHC-P,ELISA

### **Cross-Reactivity**

Human, Mouse, Rat

#### CloneNo number

ARC2073

# **Background**

The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. The expression of this gene is restricted to small intestine, colon, and rectum, and it is underexpressed in colorectal cancer.

# **Recommended Dilutions**

**WB** 1:1000 - 1:4000

**IF-P** 1:200 - 1:800

IHC-P 1:100 - 1:1000

**ELISA** Recommended starting

concentration is 1 µg/mL.

Please optimize the
concentration based on
your specific assay
requirements.

# **Immunogen Information**

**Gene ID**3960

Swiss Prot
P56470

### **Immunogen**

Synthetic peptide. This information is considered to be commercially sensitive.

### **Synonyms**

GAL4; L36LBP; Galectin 4/LGALS4

## **Contact**

<b>a</b>		400-999-6126
$\bowtie$		cn.market@abclonal.com.cn
$\odot$	T	www.abclonal.com.cn

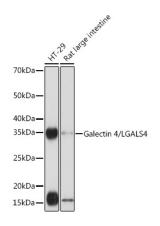
### **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



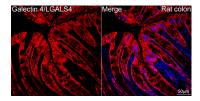
Western blot analysis of various lysates using Galectin 4/LGALS4 Rabbit mAb (A3691) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

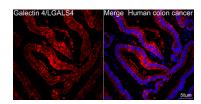
Lysates/proteins: 25µg per lane.

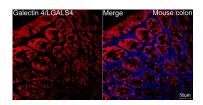
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

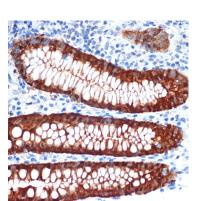
Exposure time: 30s.





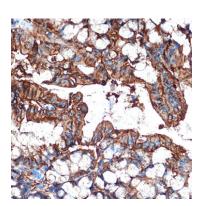


Confocal imaging of paraffin-embedded Rat colon tissue using Galectin 4/LGALS4 Rabbit mAb (A3691, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007,dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Immunohistochemistry analysis of paraffinembedded Human appendix using Galectin 4/LGALS4 Rabbit mAb (A3691) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.

Confocal imaging of paraffin-embedded Human colon cancer tissue using Galectin 4/LGALS4 Rabbit mAb (A3691, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Immunohistochemistry analysis of paraffinembedded Mouse colon using Galectin 4/LGALS4 Rabbit mAb (A3691) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.

Confocal imaging of paraffin-embedded Mouse colon tissue using Galectin 4/LGALS4 Rabbit mAb (A3691, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.