

A3691

Leader in Biomolecular Solutions for Life Science



Galectin 4/LGALS4 Rabbit mAb

Catalog No.: A3691

Recombinant

Basic Information

Observed MW

35kDa

Calculated MW

36kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

WB,IHC-P,ELISA,IF-P

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

Product Information

Contact



www.abclonal.com

Source

Rabbit

Isotype

IgG

Purification

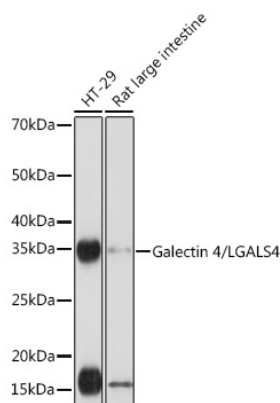
Affinity purification

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.

Validation Data



Western blot analysis of various lysates using Galectin 4/LGALS4 Rabbit mAb (A3691) at 1:1000 dilution.

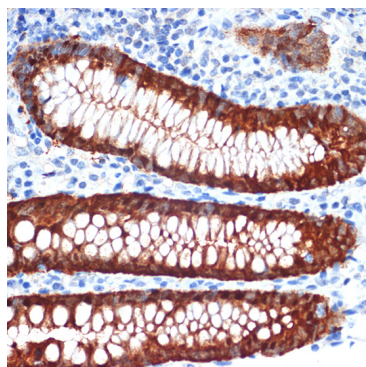
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

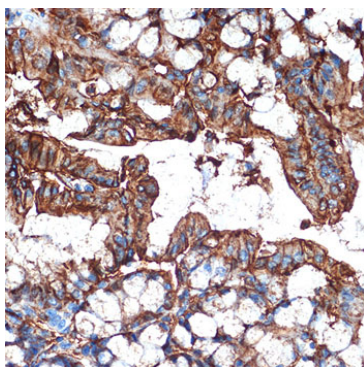
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

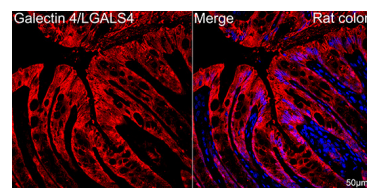
Exposure time: 30s.



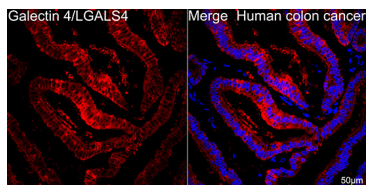
Immunohistochemistry analysis of paraffin-embedded Human appendix using Galectin 4/LGALS4 Rabbit mAb (A3691) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



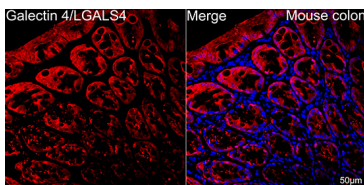
Immunohistochemistry analysis of paraffin-embedded Mouse colon using Galectin 4/LGALS4 Rabbit mAb (A3691) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M Tris/EDTA Buffer (pH 9.0) prior to IHC staining.



Confocal imaging of paraffin-embedded 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.



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



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

Validation Data

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