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LGALS4 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12391a

Product Information

Application	WB, FC, E
Primary Accession	P56470
Other Accession	NP_006140.1
Reactivity	Human
Predicted	Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB31354
Calculated MW	35941
Antigen Region	70-98

Additional Information

Gene ID	3960
Other Names	Galectin-4, Gal-4, Antigen NY-CO-27, L-36 lactose-binding protein, L36LBP, Lactose-binding lectin 4, LGALS4
Target/Specificity	This LGALS4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 70-98 amino acids from the N-terminal region of human LGALS4.
Dilution	WB~~1:1000 FC~~1:10~50 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	LGALS4 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	LGALS4
Function	Galectin that binds lactose and a related range of sugars. May be involved in the assembly of adherens junctions.

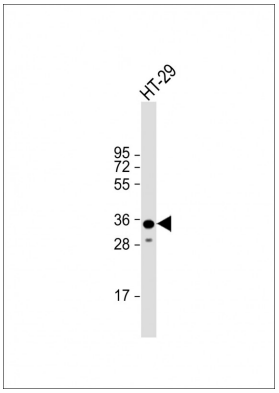
Background

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.

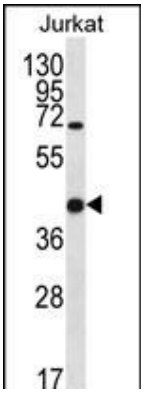
References

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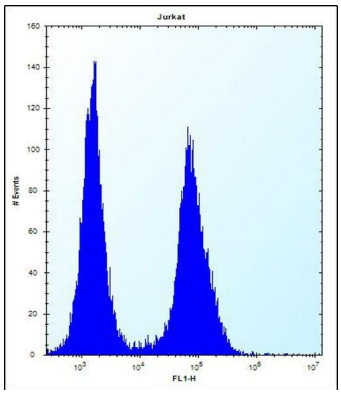
Images



Anti-LGALS4 Antibody (N-term) at 1:1000 dilution + HT-29 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 36 kDa Blocking/Dilution buffer: 5% NFDM/TBST.



LGALS4 Antibody (N-term) (Cat. #AP12391a) western blot analysis in Jurkat cell line lysates (35ug/lane).This demonstrates the LGALS4 antibody detected the LGALS4 protein (arrow).



LGALS4 Antibody (N-term) (Cat. #AP12391a) flow cytometric analysis of Jurkat cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

Citations

- Identification of hub genes and pathways associated with bladder cancer based on co-expression network analysis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.