

Rabbit anti-Human LGALS4 Polyclonal Antibody | anti-LGALS4 antibody

LGALS4 Antibody (N-term)

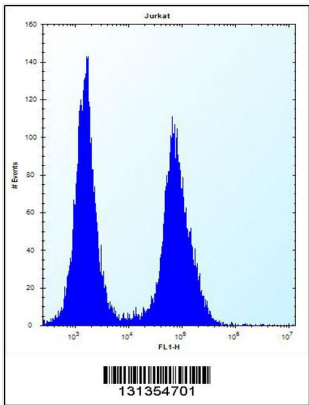
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288078	Rabbit	Human	Flow Cytometry, Functional Assay, ELISA, Western Blot

PRODUCT SYNONYMS

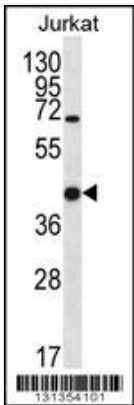
LGALS4; Polyclonal Antibody; LGALS4 Antibody (N-term); Galectin-4; Gal-4; Antigen NY-CO-27; L-36 lactose-binding protein; L36LBP; Lactose-binding lectin 4; anti-LGALS4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
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.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/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.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	70-98
Sequence Length	323
Applicable Applications for anti-LGALS4 antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
LGALS4 Antibody (N-term) 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.



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

ADDITIONAL INFORMATION

Related Product Information for anti-LGALS4 antibody	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.
Product Categories/Family for anti-LGALS4 antibody	Metabolism; Signal Transduction
References	Zimbardi, A.L., et al. Acta Crystallogr. Sect. F Struct. Biol. Cryst. Commun. 66 (PT 5), 542-545 (2010) : Stechly, L., et al. Traffic 10(4):438-450(2009) Tripodi, D., et al. BMC Med Genomics 2, 65 (2009) : Oberg, C.T., et al. Bioorg. Med. Chem. Lett. 18(13):3691-3694(2008) Ideo, H., et al. J. Biol. Chem. 282(29):21081-21089(2007)

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453712
NCBI GeneID	3960
NCBI Accession #	NP_006140.1
NCBI GenBank Nucleotide #	NM_006149.3
UniProt Accession #	P56470
Molecular Weight	35941
NCBI Official Full Name	galectin-4
NCBI Official Synonym Full Names	lectin, galactoside-binding, soluble, 4
NCBI Official Symbol	LGALS4
NCBI Official Synonym Symbols	GAL4; L36LBP
NCBI Protein Information	galectin-4
UniProt Protein Name	Galectin-4
UniProt Gene Name	LGALS4

UniProt Synonym Gene Names	Gal-4; L36LBP
UniProt Entry Name	LEG4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/Igals4-antibody-flow-cytometry-western-blot-elisa/288078>