



[Go to Product page](#)

Datasheet for ABIN952437
anti-GAL4 antibody (N-Term)

2 Images

Overview

Quantity:	0.4 mL
Target:	GAL4 (LGALS4)
Binding Specificity:	AA 77-106, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GAL4 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 77-106 amino acids from the N-terminal region of Human Galectin-4 Genename: LGALS4
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human Galectin-4 (N-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	GAL4 (LGALS4)
Alternative Name:	Galectin-4 (LGALS4 Products)
Background:	The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-

Target Details

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. Synonyms: Antigen NY-CO-27, Galectin4, L-36 lactose-binding protein, L36LBP, LGALS4, Lactose-binding lectin 4

Molecular Weight: 35941 Da

Gene ID: 3960

NCBI Accession: [NP_006140](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

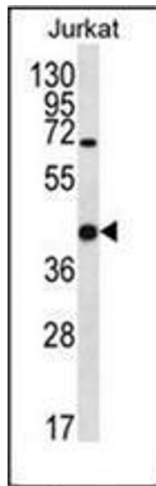
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

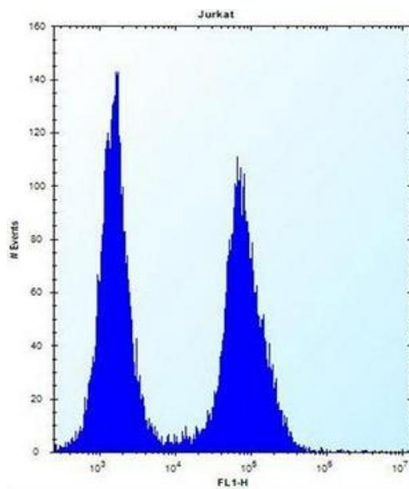
Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Western Blotting

Image 1. Western blot analysis of Galectin-4 Antibody (N-term) in Jurkat cell line lysates (35ug/lane). This demonstrates the LGALS4 antibody detected the LGALS4 protein (arrow).



Western Blotting

Image 2. Flow cytometric analysis of Jurkat cells using Galectin-4 Antibody (N-term) Cat.-No AP52469PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.