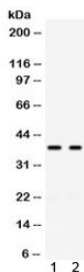


## GAL4 Antibody / Galectin-4 (R32387)

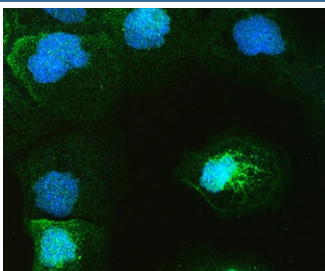
Catalog No.	Formulation	Size
R32387	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

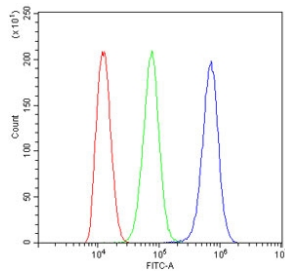
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Antigen affinity purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
<b>UniProt</b>	P56470
<b>Applications</b>	Western Blot : 0.1-0.5ug/ml Immunofluorescence/Immunocytochemistry (FFPE) : 2-4ug/ml Flow Cytometry : 1-3ug/10 <sup>6</sup> cells
<b>Limitations</b>	This GAL4 antibody is available for research use only.



Western blot testing of human 1) SW620 and 2) COLO320 cell lysate with GAL4 antibody. Expected molecular weight ~36 kDa.



IF/ICC staining of FFPE human A431 cells with GAL4 antibody (green) at 2ug/ml and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Flow cytometry testing of human ThP1 cells with GAL4 antibody at 1ug/10<sup>6</sup> cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= GAL4 antibody.

## Description

Galectin-4 is a protein that in humans is encoded by the LGALS4 gene. This gene is mapped to chromosome 19q13.2 based on an alignment of the LGALS4 sequence. The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. LGALS4 is an S-type lectin that is strongly underexpressed in colorectal cancer. The 323-amino acid LGALS4 protein contains 2 homologous, approximately 150-amino acid carbohydrate recognition domains and all amino acids typically conserved in galectins.

## Application Notes

Optimal dilution of the GAL4 antibody should be determined by the researcher.

## Immunogen

Amino acids DRFKVYANGQHLLDFAHRLSAFQRVDTLEIQGDVTLSY were used as the immunogen for the GAL4 antibody.

## Storage

After reconstitution, the GAL4 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.