

# CoraLite®594-conjugated Galectin-4 Monoclonal antibody

Catalog Number: **CL594-66686**

## Basic Information

### Catalog Number:

CL594-66686

### Size:

1000 µg/ml

### Source:

Mouse

### Isotype:

IgG2b

### Immunogen Catalog Number:

AG4049

### GenBank Accession Number:

BC034750

### GeneID (NCBI):

3960

### UNIPROT ID:

P56470

### Full Name:

lectin, galactoside-binding, soluble, 4

### Calculated MW:

323 aa, 36 kDa

### Observed MW:

36 kDa

### Purification Method:

Protein A purification

### CloneNo.:

3C2G3

### Recommended Dilutions:

IF-P 1:50-1:500

### Excitation/Emission maxima

wavelengths:  
588 nm / 604 nm

## Applications

### Tested Applications:

IF-P

### Species Specificity:

Human

### Positive Controls:

IF-P : human colon cancer tissue,

## Background Information

Galectins are a family of animal lectins defined by shared characteristic amino-acid sequences and affinity for β - galactose-containing oligosac-charides (PMID: 8063692). Galectin-4 contains two arbohydrate recognition domains (CRDs) and is expressed in the epithelium of oral mucosa, esophagus, and intestinal and colonic mucosa (PMID: 15546874; 15115909). Aberrant expression of galectin-4 has been reported in several cancers.

## Storage

### Storage:

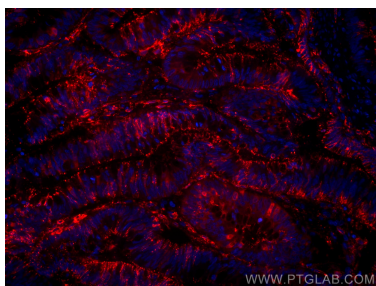
Store at -20°C. Avoid exposure to light.

### Storage Buffer:

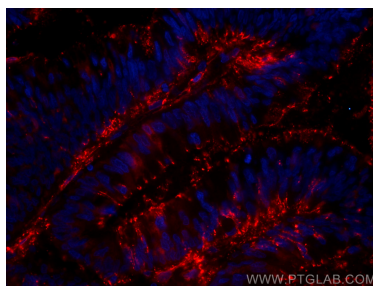
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human colon cancer tissue using CoraLite®594 Galectin-4 antibody (CL594-66686, Clone: 3C2G3 ) at dilution of 1:200.



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