

For Research Use Only

CoraLite®594-conjugated Galectin-4 Monoclonal antibody

Catalog Number:CL594-66686



Basic Information

Catalog Number: CL594-66686	GenBank Accession Number: BC034750	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 3960	CloneNo.: 3C2G3
Source: Mouse	UNIPROT ID: P56470	Recommended Dilutions: IF-P 1:50-1:500
Isotype: IgG2b	Full Name: lectin, galactoside-binding, soluble, 4	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG4049	Calculated MW: 323 aa, 36 kDa	
	Observed MW: 36 kDa	

Applications

Tested Applications: IF-P	Positive Controls: IF-P : human colon cancer tissue,
Species Specificity: Human	

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.

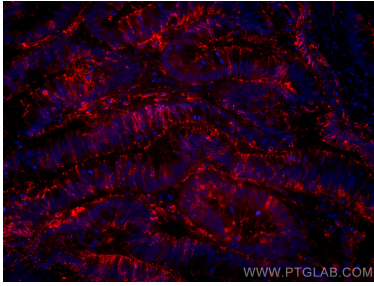
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

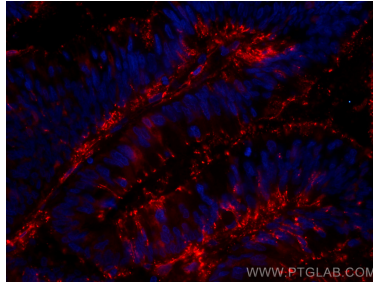
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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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