

À des fins de recherche uniquement

Anticorps Monoclonal anti-Galectin-4



Numéro de catalogue: 66686-1-Ig

Informations de base

Numéro de catalogue: 66686-1-Ig	Numéro d'acquisition GenBank: BC034750	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1500 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 3960	CloneNo.: 3C2G3
Hôte: Mouse	Nom complet: lectin, galactoside-binding, soluble, 4	Dilutions recommandées: WB 1:2000-1:10000 IHC 1:2000-1:5000 IF 1:200-1:800
Isotype: IgG2b	MW calculé: 323 aa, 36 kDa	
Immunogen Catalog Number: AG4049	MW observés: 36 kDa	

Applications

Applications testées:
FC, IF, IHC, WB, ELISA

Spécificité de l'espèce:
Humain

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6.0.

Contrôles positifs:

WB : cellules HT-29, tissu d'iléon humain

IHC : tissu de côlon humain, tissu de cancer du côlon humain

IF : tissu de cancer du côlon humain,

Informations générales

Galectins are a family of animal lectins defined by shared characteristic amino-acid sequences and affinity for β -galactose-containing oligosaccharides (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.

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

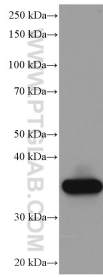
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

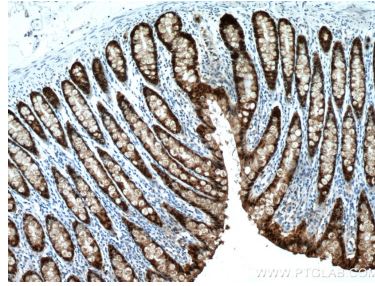
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

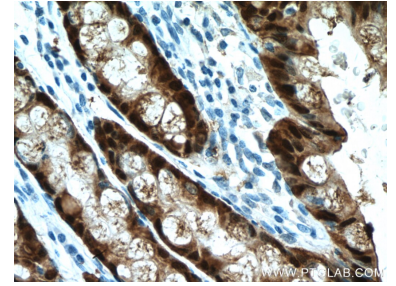
Données de validation sélectionnées



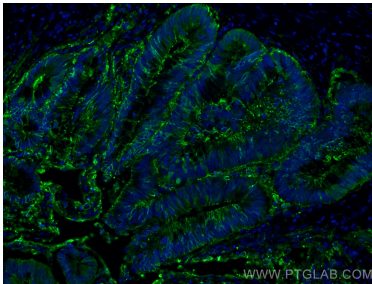
HT-29 cells were subjected to SDS PAGE followed by western blot with 66686-1-Ig (LGALS4, GAL4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



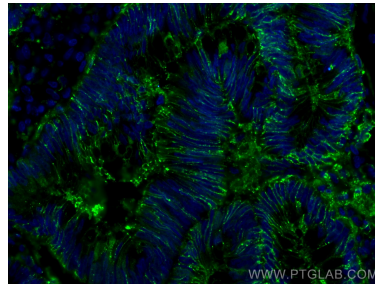
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 66686-1-Ig (Galectin-4 antibody) at dilution of 1:5000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



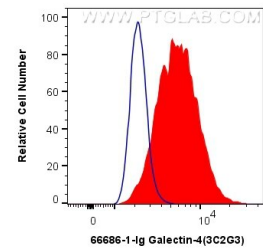
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 66686-1-Ig (Galectin-4 antibody) at dilution of 1:5000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human colon cancer tissue using Galectin-4 antibody (66686-1-Ig, Clone: 3C2G3) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed human colon cancer tissue using Galectin-4 antibody (66686-1-Ig, Clone: 3C2G3) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1×10^6 HT-29 cells were intracellularly stained with 0.4 ug Anti-Human Galectin-4 (66686-1-Ig, Clone: 3C2G3) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).