

À des fins de recherche uniquement

# Anticorps Monoclonal anti-Galectin-3



Numéro de catalogue: **CL488-60207**

Phare

## Informations de base

Numéro de catalogue: CL488-60207	Numéro d'acquisition GenBank: BC001120	Méthode de purification: Purification par protéine A
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 3958	CloneNo.: 1C1B2
Hôte: Mouse	Nom complet: lectin, galactoside-binding, soluble, 3	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG2b	MW calculé 26 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG6753		

## Applications

Applications testées: FC (Intra), IF	Contrôles positifs: IF : tissu de cancer de la thyroïde humain, cellules HeLa
Spécificité de l'espèce: Humain, rat, souris	

## Informations générales

Galectins are a family of animal lectins defined by shared characteristic amino-acid sequences and affinity for  $\beta$ -galactose-containing oligosaccharides (PMID: 8063692). Galectin-3, a member of the  $\beta$ -galactoside-binding proteins, contains one carbohydrate recognition domain (CRD) and a proline- and glycine-rich N-terminal domain through which is able to form oligomers (PMID: 14758078). Galectin-3 is widely expressed in many normal tissues and a variety of tumors. It is found intracellularly in nucleus and cytoplasm or secreted outside of cell, being present on the cell surface or in the extracellular space (PMID: 16478649). Galectin-3 is involved in various biological processes including cell growth, adhesion, differentiation, apoptosis, angiogenesis, immune response, neoplastic transformation and metastasis (PMID: 16478649; 14758078).

## Stockage

**Stockage:**  
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

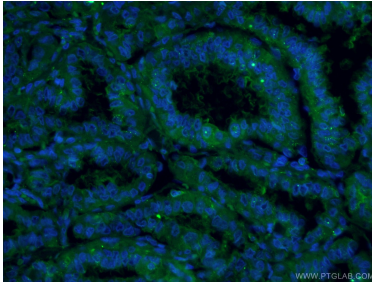
For technical support and original validation data for this product please contact:

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

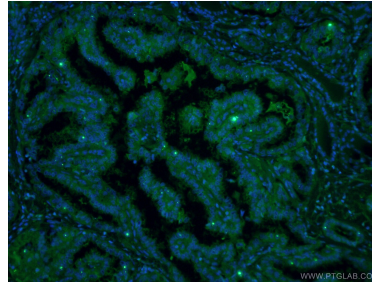
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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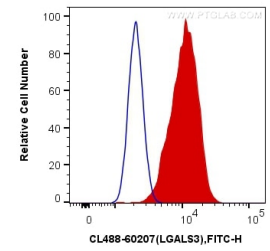
## Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed human thyroid cancer tissue using CL488-60207 (Galectin-3 antibody) at dilution of 1:50.



Immunofluorescent analysis of (4% PFA) fixed human thyroid cancer tissue using CL488-60207 (Galectin-3 antibody) at dilution of 1:50.



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human Galectin-3 (CL488-60207, Clone:1C1B2) (red), or 0.4 ug Mouse IgG2b Isotype Control (CL488-66360-3, Clone: K11B8C4B5) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).