

Nur für Forschungszwecke

Galectin-3 Monoklonaler Antikörper



Katalog-Nr.: CL488-60207

Vorgestelltes Produkt

Allgemeine Informationen

Katalog-Nr.: CL488-60207	GenBank-Zugangsnummer: BC001120	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul, Konzentration: 1000 µg/ml von3958 Nanodrop;	GeneID (NCBI): 3958	CloneNo.: 1C1B2
Wirt: Maus	Vollständiger Name: lectin, galactoside-binding, soluble, 3	Empfohlene Verdünnungen: 3 IF 1:50-1:500
Isotyp: IgG2b	Berechnete Masse: 26 kDa	Anregungs-/Emissionsmaxima- Wellenlängen: 493 nm / 522 nm
Immunogen Katalognummer: AG6753		

Anwendungen

Geprüfte Anwendungen: FC (Intra), IF	Positivkontrollen: IF : humanes Schilddrüsenkarzinomgewebe, HeLa-Zellen
Getestete Reaktivität: Human, Maus, Ratte	

Hintergrundinformationen

Galectins are a family of animal lectins defined by shared characteristic amino-acid sequences and affinity for β -galactose-containing oligosaccharides (PMID: 8063692). Galectin-3, a member of the β -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).

Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

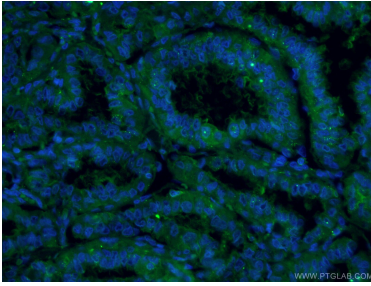
For technical support and original validation data for this product please contact:

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

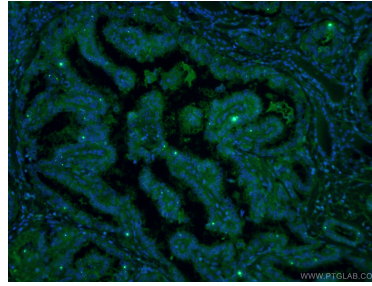
E: proteintech@ptglab.com
W: ptglab.com

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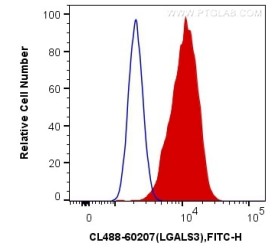
Ausgewählte Validierungsdaten



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.



1×10^6 HeLa cells were intracellularly stained with 0.4 μ g CoraLite® Plus 488 Anti-Human Galectin-3 (CL488-60207, Clone:1C1B2) (red), or 0.4 μ g 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).