

Allgemeine Informationen

Katalog-Nr.: CL594-60207	GenBank-Zugangsnummer: BC001120	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul, Konzentration: 1000 µg/ml von 3958 Nanodrop;	GeneID (NCBI): 1000000000	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: 588 nm / 604 nm
Immunogen Katalognummer: AG6753		

Anwendungen

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

Hintergrundinformationen

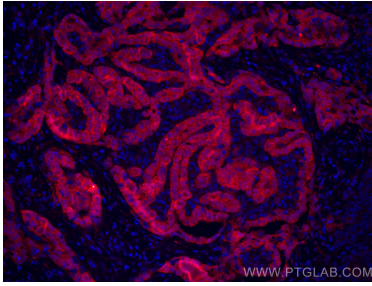
Galectins are a family of animal lectins defined by shared characteristic amino-acid sequences and affinity for β -galactose-containing oligosaccharides (PMID: 8063692). Galectin-3, a member of the β -galactoside-binding proteins, contains one carbohydrate recognition domain (CRD) and a proline- and 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

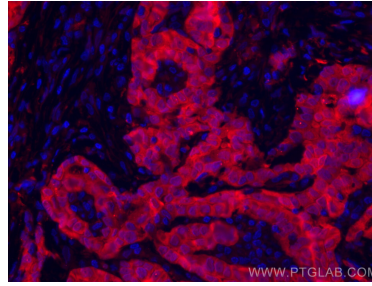
Lagerungsbedingungen:
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.
Lagerungspuffer:
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

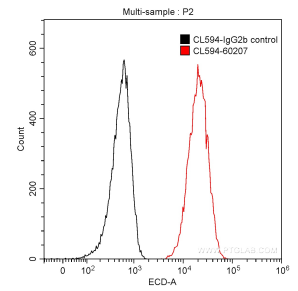
Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed human thyroid cancer tissue using CoraLite®594 Galectin-3 antibody (CL594-60207, Clone: 1C1B2) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed human thyroid cancer tissue using CoraLite®594 Galectin-3 antibody (CL594-60207, Clone: 1C1B2) at dilution of 1:200.



1X10⁶ HeLa cells were intracellularly stained with 0.2 ug CoraLite®594 Anti-Human Galectin-3 (CL594-60207, Clone:1C1B2) (red), and 0.2 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with 0.1% TritonX-100.