

Nur für Forschungszwecke

# Galectin-3 Monoklonaler Antikörper



Katalog-Nr.:CL647-60207

Vorgestelltes Produkt

## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL647-60207	<b>GenBank-Zugangsnummer:</b> BC001120	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von3958 Nanodrop;	<b>GeneID (NCBI):</b> 1C1B2	<b>CloneNo.:</b> 1C1B2
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> lectin, galactoside-binding, soluble, 3	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 654 nm / 674 nm
<b>Isotyp:</b> IgG2b	<b>Berechnete Masse:</b> 26 kDa	
<b>Immunogen Katalognummer:</b> AG6753	<b>Beobachtete Masse:</b> 31 kDa	

## Anwendungen

**Geprüfte Anwendungen:**  
FC (Intra)

**Getestete Reaktivität:**  
Human, Maus, Ratte

## Hintergrundinformationen

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).

## 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

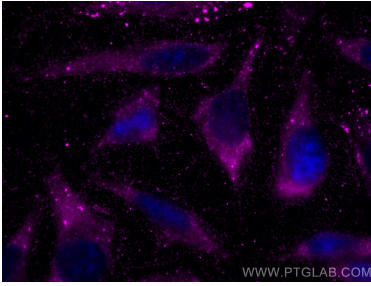
For technical support and original validation data for this product please contact:

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

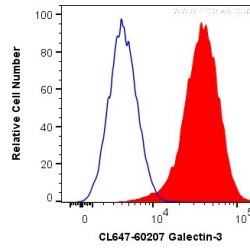
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Ausgewählte Validierungsdaten



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite® Plus 647 Galectin-3 antibody (CL647-60207, Clone: 1C1B2) at dilution of 1:200.



$1 \times 10^6$  HeLa cells were intracellularly stained with 0.2  $\mu$ g CoraLite® Plus 647 Anti-Human Galectin-3 (CL647-60207, Clone:1C1B2) (red), or 0.2  $\mu$ g Control Antibody (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).