

Allgemeine Informationen

Katalog-Nr.: 82024-1-RR	GenBank-Zugangsnummer: BC001120	Reinigungsmethode: Protein-A-Reinigung
Größe: 100ul , Konzentration: 500 µg/ml von Nanodrop;	GeneID (NCBI): 3958	CloneNo.: 4M10
Wirt: Kaninchen	Vollständiger Name: lectin, galactoside-binding, soluble, 3	Empfohlene Verdünnungen: WB 1:5000-1:50000 IHC 1:250-1:1000
Isotyp: IgG	Berechnete Masse: 26 kDa	
Immunogen Katalognummer: AG6891	Beobachtete Masse: 31 kDa	

Anwendungen

Geprüfte Anwendungen:

IHC, WB, ELISA

Getestete Reaktivität:

Human, Maus

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : HeLa-Zellen, A431-Zellen, A549-Zellen, MCF-7-Zellen, NIH/3T3-Zellen

IHC : humanes Schilddrüsenkarzinomgewebe,

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. Nach dem Versand ein Jahr lang stabil

Lagerungspuffer:

PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.

Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

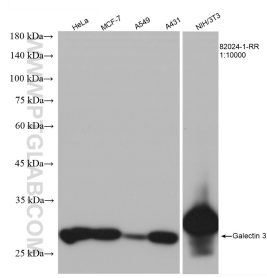
For technical support and original validation data for this product please contact:

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

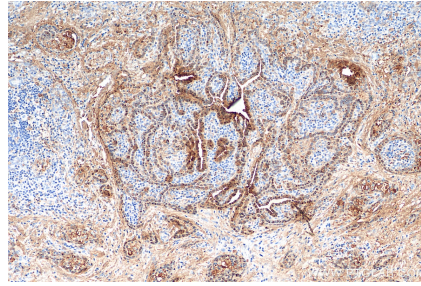
E: proteintech@ptglab.com
W: ptglab.com

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

Ausgewählte Validierungsdaten



Various lysates were subjected to SDS PAGE followed by western blot with 82024-1-RR (Galectin 3 antibody) at dilution of 1:9900 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human thyroid cancer tissue slide using 82024-1-RR (Galectin 3 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).