

Datasheet for ABIN1536595
anti-Galectin 3 antibody (C-Term)

3 Images



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Overview

Quantity:	400 µL
Target:	Galectin 3 (LGALS3)
Binding Specificity:	AA 163-191, C-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Galectin 3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	This LGALS3 antibody is generated from mice immunized with a KLH conjugated synthetic peptide between 163-191 amino acids from the C-terminal region of human LGALS3.
Clone:	320CT4-5-2
Isotype:	IgG1 kappa
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	Galectin 3 (LGALS3)
Alternative Name:	LGALS3 (LGALS3 Products)
Target Type:	Chemical

Target Details

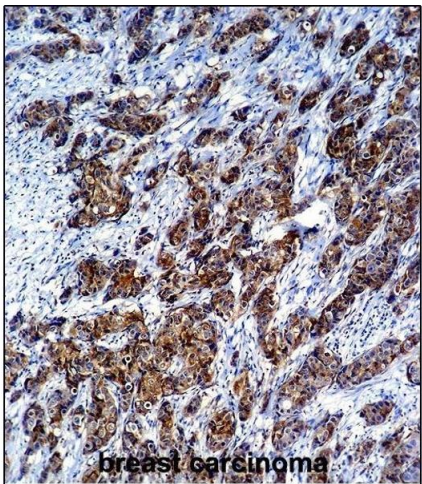
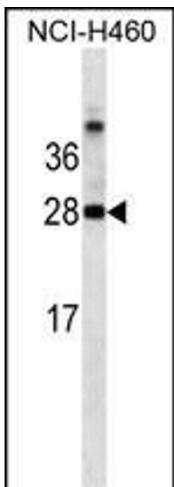
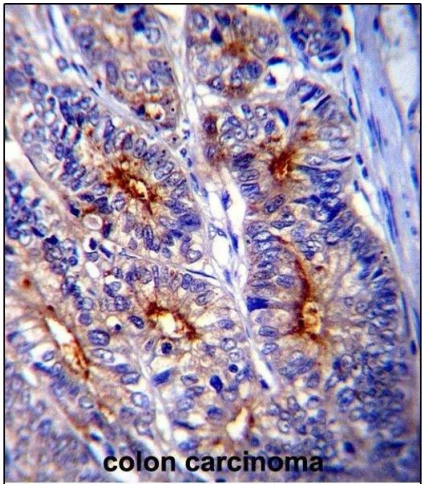
Background:	This gene encodes a member of the galectin family of carbohydrate binding proteins. Members of this protein family have an affinity for beta-galactosides. The encoded protein is characterized by an N-terminal proline-rich tandem repeat domain and a single C-terminal carbohydrate recognition domain. This protein can self-associate through the N-terminal domain allowing it to bind to multivalent saccharide ligands. This protein localizes to the extracellular matrix, the cytoplasm and the nucleus. This protein plays a role in numerous cellular functions including apoptosis, innate immunity, cell adhesion and T-cell regulation. Alternate splicing results in multiple transcript variants.
Molecular Weight:	26152
Gene ID:	3958
NCBI Accession:	NP_002297
UniProt:	P17931
Pathways:	RTK Signaling

Application Details

Application Notes:	WB: 1:100~500. IHC-P: 1:10~50. IHC-P: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	LGALS3 Antibody (C-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. LGALS3 Antibody (C-term) (ABIN1536595 and ABIN2843799) immunohistochemistry analysis in formalin fixed and paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of LGALS3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 2. LGALS3 Antibody (C-term) (ABIN1536595 and ABIN2843799) western blot analysis in NCI- cell line lysates (35 µg/lane). This demonstrates the LGALS3 antibody detected the LGALS3 protein (arrow).

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. LGALS3 Antibody (C-term) (ABIN1536595 and ABIN2843799) immunohistochemistry analysis in formalin fixed and paraffin embedded human breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of LGALS3 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.