

LGALS2 Antibody

Catalog No: #31075



Package Size: #31075-1 50ul #31075-2 100ul

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Description

Product Name	LGALS2 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	ELISA WB IHC
Species Reactivity	Human;Mouse
Specificity	The antibody detects endogenous level of total LGALS2 protein.
Immunogen Type	Recombinant protein
Immunogen Description	Full length fusion protein
Conjugates	Unconjugated
Target Name	LGALS2
Other Names	ectin, galactoside-binding, soluble, 2, HL14
Accession No.	Genbank No.: BC059782
Formulation	Supplied at 0.5mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.3, 0.05% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

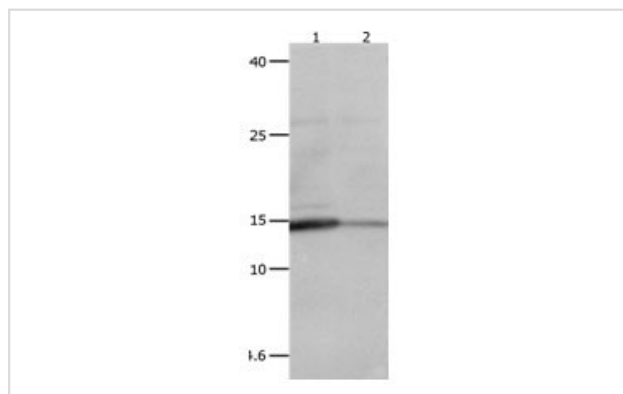
Predicted MW: 15kd

ELISA: 1:1000-1:5000

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:10-1:50

Images



Gel: 15%+12%SDS-PAGE

Lane1: Human liver Cancer tissue lysate

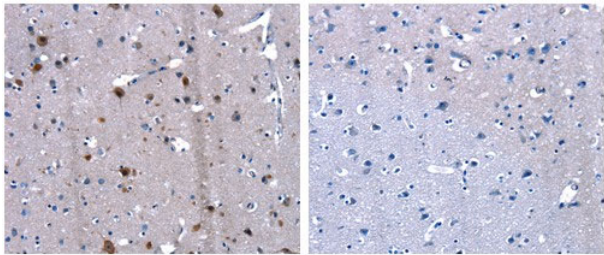
Lane2: Human leiomyosarcoma tissue lysate

Lysates: 40 ug per lane

Primary antibody: 1/250 dilution

Secondary antibody: Goat anti Rabbit IgG - H&L (HRP) at 1/10000 dilution

Exposure time: 10 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human brain cancer tissue using 31075 (LGALS2 Antibody) at dilution 1/13, on the right is treated with the fusion protein.

Background

The protein encoded by this gene is a soluble beta-galactoside binding lectin. The encoded protein is found as a homodimer and can bind to lymphotoxin-alpha. A single nucleotide polymorphism in an intron of this gene can alter the transcriptional level of the protein, with a resultant increased risk of myocardial infarction. This protein binds beta-galactoside. Its physiological function is not yet known.

Published Papers

el at., In vivo multidimensional CRISPR screens identify Lgals2 as an immunotherapy target in triple-negative breast cancer. In Sci Adv on 2022 Jul by Peng Ji, Yue Gong, et al..PMID:35767614, , (2022)

[PMID:35767614](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.