

Anti-LGALS1 antibody

Cat. No.	ml220660
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-LGALS1 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human LGALS1
Reactivity	Human, Mouse, Rat
Content	0.4 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	LGALS1
Full name	lectin, galactoside-binding, soluble, 1

Synonyms GBP, GAL1

Swissprot P09382

Target Background

The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. This gene product may act as an autocrine negative growth factor that regulates cell proliferation. May regulate apoptosis, cell proliferation and cell differentiation. Binds beta-galactoside and a wide array of complex carbohydrates. Inhibits CD45 protein phosphatase activity and therefore the dephosphorylation of Lyn kinase.

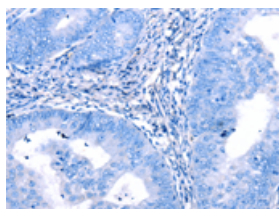
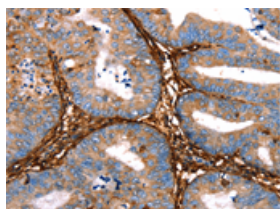
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm, Nucleus

Positive control: Human cervical cancer

Recommended dilution: 25-100

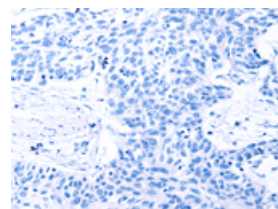
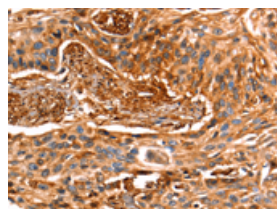


The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ml220660(LGALS1 Antibody) at dilution 1/25, on the right is treated with fusion protein. (Original magnification: ×200)

Predicted cell location: Cytoplasm, Nucleus

Positive control: Human esophagus cancer

Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml220660(LGALS1 Antibody) at dilution 1/25, on the right is treated with fusion protein. (Original magnification: ×200)

Western blotting

Predicted band size: 15 kDa

Positive control: Human fetal muscle tissue

Recommended dilution: 500-2000

Gel: 12+15%SDS-PAGE

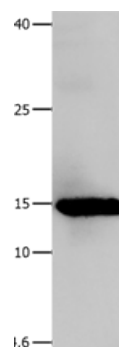
Lysate: 40 μ g

Lane: Human fetal muscle tissue

Primary antibody: ml220660(LGALS1 Antibody) at dilution 1/500

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 10 seconds



ELISA

Recommended dilution: 1000-5000

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