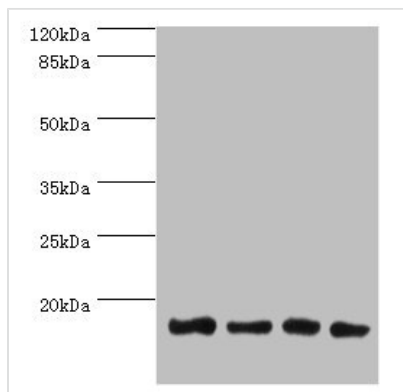




LGALS1 Antibody

Product Code	CSB-PA012882HA01HU
Abbreviation	Galectin-1
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P09382
Immunogen	Recombinant Human Galectin-1 protein (2-135AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, WB, IHC, IF; Recommended dilution: WB:1:200-1000, IHC:1:20-1:200, IF:1:50-1:200
Relevance	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. Strong inducer of T-cell apoptosis.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Galectin-1 (Gal-1) (14 kDa laminin-binding protein) (HLBP14) (14 kDa lectin) (Beta-galactoside-binding lectin L-14-I) (Galaptin) (HBL) (HPL) (Lactose-binding lectin 1) (Lectin galactoside-binding soluble 1) (Putative MAPK-activating protein PM12) (S-Lac lectin 1), LGALS1
Species	Human
Research Area	Cell Biology
Target Names	LGALS1
Image	



Western blot

All lanes: Galectin-1 antibody at 2 μ g/ml

Lane 1: HL60 whole cell lysate

Lane 2: K562 whole cell lysate

Lane 3: NIH/3T3 whole cell lysate

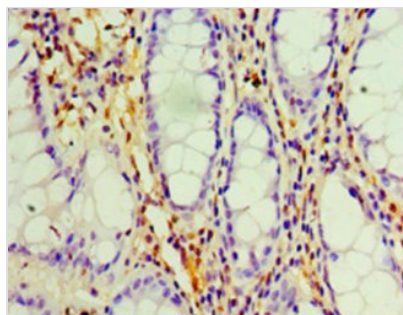
Lane 4: HepG2 whole cell lysate

Secondary

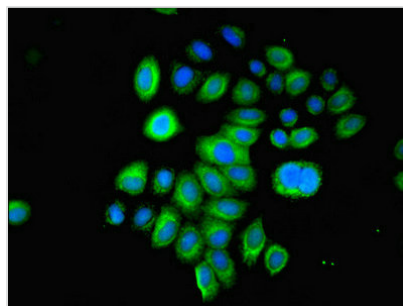
Goat polyclonal to rabbit at 1/10000 dilution

Predicted band size: 15 kDa

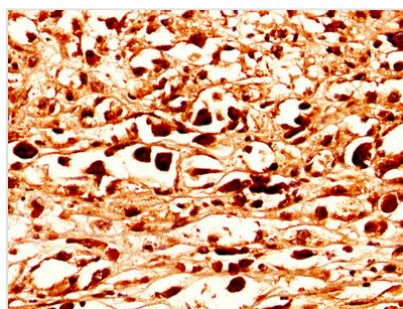
Observed band size: 15 kDa



Immunohistochemistry of paraffin-embedded human colon cancer using CSB-PA012882HA01HU at dilution of 1:100



Immunofluorescent analysis of A549 cells using CSB-PA012882HA01HU at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC image of CSB-PA012882HA01HU diluted at 1:400 and staining in paraffin-embedded human melanoma cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized tissue using an HRP conjugated SP system.