

Galectin 1 Conjugated Antibody

Catalog No: #C49673



Package Size: #C49673-AF350 100ul #C49673-AF405 100ul #C49673-AF488 100ul
 #C49673-AF555 100ul #C49673-AF594 100ul #C49673-AF647 100ul
 #C49673-AF680 100ul #C49673-AF750 100ul #C49673-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	Galectin 1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Rt, Ms
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	14 kDa laminin-binding protein antibody 14 kDa lectin antibody Beta galactoside binding lectin antibody Beta galactoside binding lectin L 14 I antibody beta galactoside binding protein antibody Beta-galactoside-binding lectin L-14-I antibody DKFZp686E23103 antibody Gal 1 antibody Gal-1 antibody GAL1 antibody Galaptin antibody Galbp antibody Galectin antibody Galectin-1 antibody Galectin1 antibody GBP antibody HBL antibody HLBP14 antibody HPL antibody L 14.5 antibody L-14.5 antibody L14 antibody Lactose binding lectin 1 antibody Lactose-binding lectin 1 antibody Lect14 antibody Lectin galactoside binding soluble 1 antibody Lectin galactoside-binding soluble 1 antibody LEG1_HUMAN antibody LGALS 1 antibody LGALS1 antibody Lgals1 lectin galactose binding soluble 1 antibody MAPK activating protein MP12 antibody Putative MAPK activating protein MP12 antibody Putative MAPK-activating protein PM12 antibody S Lac lectin 1 antibody S-Lac lectin 1 antibody
Accession No.	Swiss-Prot#:P09382
Uniprot	P09382
GeneID	3956;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Galectins are a family of soluble b-galactoside-binding animal lectins that modulate cell-to-cell adhesion and cell-to-extracellular matrix (ECM) interactions and play a role in tumor progression, pre-mRNA splicing and apoptosis. Specifically, Galectin-1 is an autocrine regulator of cell-proliferation that plays a role in the maintenance of G0 and in the control of G2 traverse. Galectin-1, also known as LGALS1, is the protein product of a single gene linked to human chromosome 22q13.1. The Galectin-1 protein contains 135 amino acids, a single internal EcoRI site and a polyadenylation signal. Galectin-1 can localize to both intracellular and extracellular space. Galectin-1 is expressed in human placenta, human lung, HL-6, HepG2 and CEM cells.

Note: This product is for in vitro research use only