

Galectin 7 Conjugated Antibody

Catalog No: #C49835



Package Size: #C49835-AF350 100ul #C49835-AF405 100ul #C49835-AF488 100ul
 #C49835-AF555 100ul #C49835-AF594 100ul #C49835-AF647 100ul
 #C49835-AF680 100ul #C49835-AF750 100ul #C49835-Biotin 100ul

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

Description

Product Name	Galectin 7 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Gal-7 antibody GAL7 antibody Galectin 7B antibody Galectin-7 antibody HKL-14 antibody Human keratinocyte lectin 14 antibody Keratinocyte lectin 14 antibody Lectin galactoside binding soluble 7 antibody Lectin, galactoside binding, soluble, 7B antibody LEG7_HUMAN antibody LGALS7 antibody LGALS7A antibody LGALS7B antibody P53 induced protein 1 antibody p53-induced gene 1 protein antibody Pi7 antibody PIG1 antibody TP5311 antibody
Accession No.	Swiss-Prot#:P47929
Uniprot	P47929
GeneID	3963;653499;
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
Calculated MW	15 kDa
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. Galectin-7, expressed mainly in stratified squamous epithelium, is activated by p53 and repressed by retinoic acid. It is a pro-apoptotic protein that functions intracellularly upstream of JNK activation and cytochrome c release. The galectin-7 gene maps to chromosome 19. Mainly expressed in stratified squamous epithelium.

Note: This product is for in vitro research use only