

## Galectin-3 Polyclonal Conjugated Antibody

Catalog No: #C42237



Package Size: #C42237-AF350 100ul #C42237-AF405 100ul #C42237-AF488 100ul  
 #C42237-AF555 100ul #C42237-AF594 100ul #C42237-AF647 100ul  
 #C42237-AF680 100ul #C42237-AF750 100ul #C42237-Biotin 100ul

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## Description

Product Name	Galectin-3 Polyclonal Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Galectin-3 polyclonal antibody.
Immunogen Description	Recombinant human Galectin-3 protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	35 kDa lectin, Carbohydrate-binding protein 35, Galactose-specific lectin 3, Galactoside-binding protein, IgE-binding protein, L-31, Laminin-binding protein, Lectin L-29, Mac-2 antigen, LGALS3 , MAC2
Accession No.	Swiss-Prot#:P17931
Uniprot	P17931
GeneID	3958;
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	26
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

## Background

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Galactose-specific lectin which binds IgE. May mediate with the alpha-3, beta-1 integrin the stimulation by CSPG4 of endothelial cells migration. Together with DMBT1, required for terminal differentiation of columnar epithelial cells during early embryogenesis. In the nucleus: acts as a pre-mRNA splicing factor. Involved in acute inflammatory responses including neutrophil activation and adhesion, chemoattraction of monocytes macrophages, opsonization of apoptotic neutrophils, and activation of mast cells.

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Note: This product is for in vitro research use only