



# Mouse Anti-Human Galectin-3 monoclonal antibody, clone 431DU6.4.3 (DCABH-10117)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Mouse monoclonal to Galectin 3
<b>Antigen Description</b>	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.
<b>Specificity</b>	No cross-reactivity with Galectin-1, Galectin-9, or Galectin-3-binding protein
<b>Immunogen</b>	Recombinant Galectin-3 antigen
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	431DU6.4.3
<b>Purification</b>	Purity ≥95%
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA(Cap), ELISA(Det) We recommend the following for sandwich ELISA (Capture - Detection): DCABH-10117 - DCABY-1210; DCABY-1210 - DCABH-10117
<b>Epitope</b>	Located in the amino acid region A66 - T104
<b>Positive Control</b>	This antibody gave a positive signal in the following whole cell lysates: HeLa; A431; SW480; T84.

<b>Format</b>	Liquid
<b>Size</b>	1 mg
<b>Buffer</b>	50 mM Na-citrate, pH 6.0, 0.9 % NaCl, 0.095 % NaN3 as a preservative
<b>Preservative</b>	0.095 % NaN3
<b>Storage</b>	Store at 2–8 °C
<b>Ship</b>	Shipped at 4°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">LGALS3 lectin, galactoside-binding, soluble, 3 [ Homo sapiens ]</a>
<b>Official Symbol</b>	LGALS3
<b>Synonyms</b>	LGALS3; lectin, galactoside-binding, soluble, 3; LGALS2; galectin-3; galectin 3; GALIG; MAC 2; lectin L-29; 35 kDa lectin; MAC-2 antigen; IgE-binding protein; laminin-binding protein; galactose-specific lectin 3; carbohydrate-binding protein 35; L31; GAL3
<b>Entrez Gene ID</b>	<a href="#">3958</a>
<b>Protein Refseq</b>	<a href="#">NP_001170859</a>
<b>UniProt ID</b>	<a href="#">A0A024R693</a>
<b>Chromosome Location</b>	14q22.3
<b>Pathway</b>	Advanced glycosylation endproduct receptor signaling, organism-specific biosystem; Hedgehog signaling events mediated by Gli proteins, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem;
<b>Function</b>	IgE binding; protein binding; sugar binding;