

Cat. No:	AB-82806
Conjugate:	Unconjugated
Size:	100 ug
Clone:	POLY
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	Full length recombinant galectin 3 expressed in and purified from E. coli..
Reactivity:	Human,Mouse,Rat
Applications:	Western Blot: 1/500 - 1/5000 Immunohistochemistry: 1/100 - 1/1000 Immunofluorescence: 1/200 - 1/1000
Molecular Weight:	30kD
Purification:	Serum
Synonyms:	LGALS3; MAC2; Galectin-3; Gal-3; 35 kDa lectin; Carbohydrate-binding protein 35; CBP 35; Galactose-specific lectin 3; Galactoside-binding protein; GALBP; IgE- binding protein; L-31;
Background:	<p>This gene encodes a member of the galectin family of carbohydrate binding proteins. Members of this protein family have an affinity for beta-galactosides. The encoded protein is characterized by an N-terminal proline-rich tandem repeat domain and a single C-terminal carbohydrate recognition domain. This protein can self-associate through the N-terminal domain allowing it to bind to multivalent saccharide ligands. This protein localizes to the extracellular matrix, the cytoplasm and the nucleus. This protein plays a role in numerous cellular functions including apoptosis, innate immunity, cell adhesion and T-cell regulation. The protein exhibits antimicrobial activity against bacteria and fungi. Alternate splicing results in multiple transcript variants.</p>
Form:	Liquid
Buffer:	Supplied as an aliquot of serum plus 5mM Na ₃
Storage:	Store at 4°C for short term, for longer term store at -20°C + avoid freeze/thaw cycles

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