

LGALS1

Rabbit Anti-Human Galectin-1 pAb

Catalog No.	PA0214	Quantity:	100 µg
Alternate Names:	GBP, GAL1, HBL, Galectin-1		
Description:	The polyclonal antibody, affinity purified from rabbit sera, recognizes human Galectin-1 (Gal-1). The galectins are a family of beta-galactoside-binding proteins implicated in modulating cell-cell and cell-matrix interactions. Gal-1 is expressed by a variety of cells and tissues, including immune and tumor cells. Gal-1 preferentially binds laminin, fibronectin, CD45, CD43, CD7, CD2, CD3 and ganglioside GM1.		
Gene ID:	3956		
UniProtKB:	P09382		
Conjugate:	Unconjugated		
Specificity:	Human Galectin-1		
Host:	Rabbit		
Isotype:	IgG (polyclonal)		
Immunogen:	Recombinant human Galectin-1, highly pure (>98%)		
Formulation:	Lyophilized from PBS		
Purification:	Antigen-affinity chromatography		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute with sterile distilled water to a concentration of 0.1 - 1.0 mg/mL.		
Cross-Reactivity:	Human		
Applications:	Western Blot (WB), ELISA		
Application Notes:	<p>WB: Suggested concentration 0.1-0.2 µg/mL. Used in conjunction with compatible secondary reagents, the detection limit for recombinant human Galectin-1 is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.</p> <p>Sandwich ELISA: Use 100 µl/well at a concentration of 0.5-2.0 µg/mL. In conjunction with compatible secondary reagents, this antibody detects 2-4 ng/well of recombinant human Galectin-1.</p> <p>The optimal concentration should be determined by the user for each specific application.</p>		
Storage & Stability:	Store at -20 °C for up to 5 years. Upon reconstitution store at 2-8 °C for two weeks, for long term freeze in working aliquots at -20 °C for 6 months. Avoid repeated freeze-thaw cycles		

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