

Goat anti-galectin-1 (mouse) Antibody

Item Number	dAP-2325
Target Molecule	Principle Name: galectin-1 (mouse); Official Symbol: Lgals1; All Names and Symbols: Lgals1; lectin, galactose binding, soluble 1; AA410090; Gal-1; Galbp; L-14.5; L14; Lect14; galectin-1; 14 kDa lectin; S-Lac lectin 1; beta-galactoside binding protein; beta-galactoside-binding lectin L-14-1; galaptin; galectin-1; lactose-binding lectin 1;; Accession Number (s): NP_032521.1; Human Gene ID(s): 3956; Non-Human GeneID(s): 16852 (mouse) 56646 (rat)
Immunogen	KPGECLKVVRGEVASD, is from N Terminus (near)
Applications	Pep ELISA, WB Species Tested: Mouse, Rat
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 8000.
Western Blot	Western Blot: Approx 15kDa band observed in lysates of Mouse and Rat Pancreas and of cell line NIH3T3 (calculated MW of 14.9kDa according to NP_032521.1). Recommended concentration: 0.1-0.3µg/ml.
IHC	
Reference	Reference(s): Pál Z, Antal P, Millinghoffer A, Hullám G, Pál Ács K, Táth S, Gabius HJ, Molnár MJ, Falus A, Buzás E, A novel galectin-1 and interleukin 2 receptor beta haplotype is associated with autoimmune myasthenia gravis. Journal of neuroimmunology 2010 Aug : . PMID: 20728947->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**