

For Research Use Only

Galectin 1 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 85091-3-PBS



Basic Information

Catalog Number: 85091-3-PBS	GenBank Accession Number: BC020675	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 3956	CloneNo.: 260418A11
Source: Rabbit	UNIPROT ID: P09382	
Isotype: IgG	Full Name: lectin, galactoside-binding, soluble, 1	
Immunogen Catalog Number: EG7626	Calculated MW: 15 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

85091-3-PBS targets Galectin 1 as part of a matched antibody pair:

MP03369-1: 85091-3-PBS capture and 85091-2-PBS detection (validated in Cytometric bead array)

MP03369-2: 85091-3-PBS capture and 85091-4-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

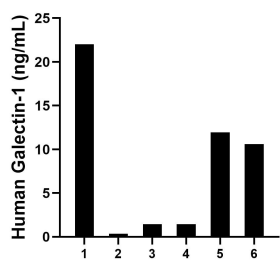
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

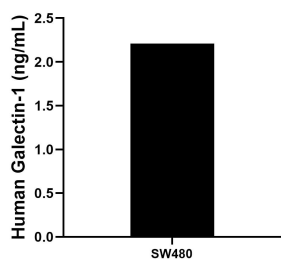
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

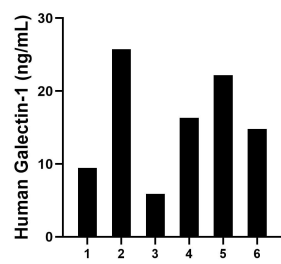
Selected Validation Data



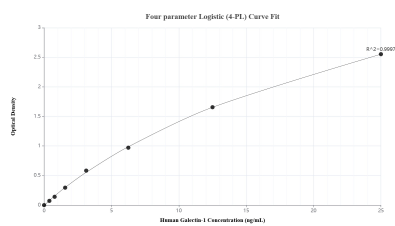
Human milk of six individual healthy human donors was measured. The Galectin-1 concentration of detected samples was determined to be 7.97 ng/mL with a range of 0.34-22.03 ng/mL



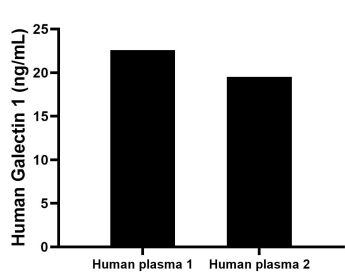
SW480 cells were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. An aliquot of the cell culture supernatant was removed, assayed for human Galectin-1, and measured 2.21 ng/mL



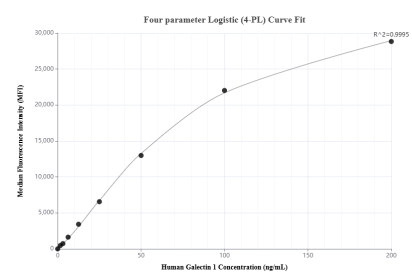
Plasma of six individual healthy human donors was measured. The Galectin-1 concentration of detected samples was determined to be 15.73 ng/mL with a range of 5.90-25.74 ng/mL



Sandwich ELISA standard curve of MP03369-2, Human Galectin-1 Recombinant Matched Antibody Pair - PBS only. 85091-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg7626. 85091-4-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL



The mean Galectin 1 concentration was determined to be 22.6 ng/mL in Human plasma 1, 19.5 ng/mL in Human plasma 2.



Cytometric bead array standard curve of MP03369-1, Galectin 1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85091-3-PBS. Detection antibody: 85091-2-PBS. Standard: Eg7626. Range: 1.562-200 ng/mL