

Galectin-1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03369-2**

Capture Antibody Information

Catalog Number: 85091-3-PBS	Clone ID: 260418A11	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: lectin, galactoside-binding, soluble, 1
Isotype: IgG	GenBank: BC020675	Gene ID: 3956
Purification Method: Protein A purification	Immunogen Catalog Number: Eg7626	

Detection Antibody Information

Catalog Number: 85091-4-PBS	Clone ID: 260418H4	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: lectin, galactoside-binding, soluble, 1
Isotype: IgG	GenBank: BC020675	Gene ID: 3956
Purification Method: Protein A purification	Immunogen Catalog Number: Eg7626	

Applications

Tested Applications: Sandwich ELISA	Range: 0.391-25 ng/mL (Sandwich ELISA)	Recommended Dilutions: It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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Product Information

MP03369-2 targets Galectin-1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Galectin 1 Recombinant monoclonal antibody, PBS Only (Capture) 85091-3-PBS (260418A11). 100 µg. Concentration 1 mg/mL.

Detection antibody: Galectin 1 Recombinant monoclonal antibody, PBS Only (Detector) 85091-4-PBS (260418H4). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

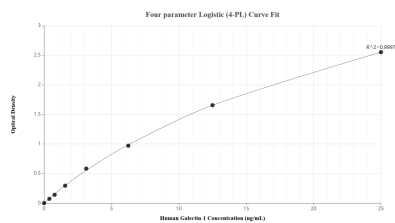
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

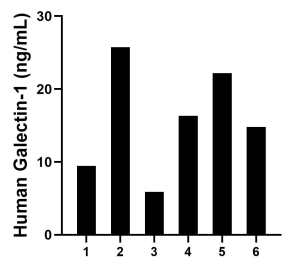
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

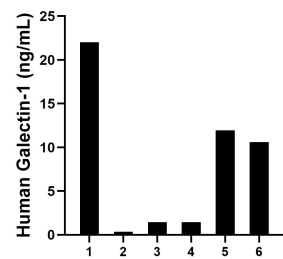
Selected Validation Data



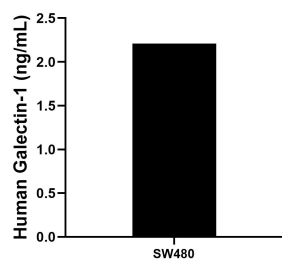
Sandwich ELISA standard curve of MP03369-2, Human Galectin-1 Recombinant Matched Antibody Pair - PBS only. 85091-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg7626. 85091-4-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL



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



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 μ g/mL streptomycin sulfate. An aliquot of the cell culture supernatant was removed, assayed for human Galectin-1, and measured 2.21 ng/mL