

Galectin-1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03369-2**

Capture Antibody Information

Catalog Number:

85091-3-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

260418A11

Reactivity:

human

Immunogen Catalog Number:

Eg7626

Conjugate:

Unconjugated

Full name:

lectin, galactoside-binding, soluble, 1

Gene ID:

3956

Detection Antibody Information

Catalog Number:

85091-4-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

260418H4

Reactivity:

human

GenBank:

BC020675

Immunogen Catalog Number:

Eg7626

Conjugate:

Unconjugated

Full name:

lectin, galactoside-binding, soluble, 1

Gene ID:

3956

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.

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.

Storage buffer:

PBS only

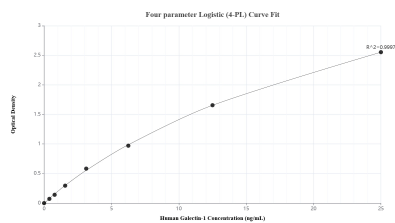
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

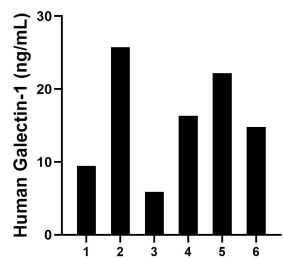
E: proteintech@ptglab.com
W: ptglab.com

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

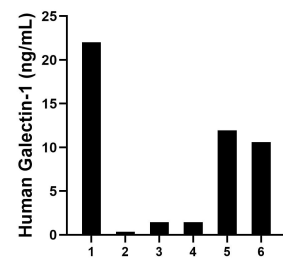
Selected Validation Data



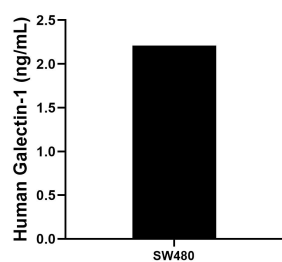
Sandwich ELISA standard curve of MP03369-2, Human Galectin-1 Recombinant Matched Antibody Pair - PBS only. 85091-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg7626. 85091-4-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL.



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