For Research Use Only

Beta-2-Microglobulin Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP00673-3

proteintech®
Antibodies | ELISA kits | Proteins
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Capture Antibody Information

Catalog Number:
83683-1-PBS

Clone ID:
240660B1

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
beta-2-microglobulin

Isotype:
IgG

GenBank:
BC032589

Gene ID:
567

Purification Method:
Protein A purification

Immunogen Catalog Number:
Ag4433

Detection Antibody Information

Catalog Number:
83683-5-PBS

Clone ID:
240660B3

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
beta-2-microglobulin

Isotype:
IgG

GenBank:
BC032589

Gene ID:
567

Purification Method:
Protein A purification

Immunogen Catalog Number:
Ag4433

Applications

Tested Applications:
Sandwich ELISA

Range:
0.625-40 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

MP00673-3 targets Beta-2-Microglobulin in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Beta-2-Microglobulin Recombinant antibody, PBS Only (Capture) 83683-1-PBS (240660B1). 100 μg. Concentration 1 mg/ml.

Detection antibody: Beta-2-Microglobulin Recombinant antibody, PBS Only (Detector) 83683-5-PBS (240660B3). 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.

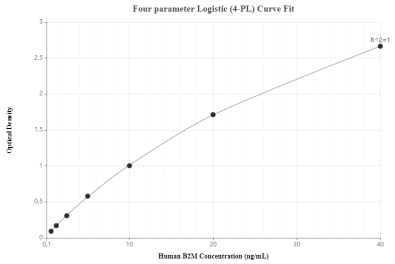
Antibody use should be optimized for each application and assay.

Storage

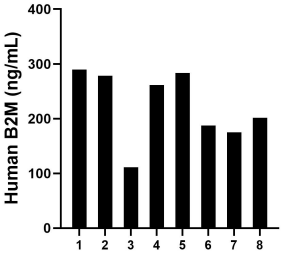
Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage buffer:
PBS only

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

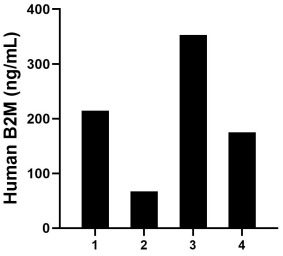
Selected Validation Data



Sandwich ELISA standard curve of MP00673-3, human B2M Recombinant Matched Antibody Pair - PBS only. 83683-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag4433. 83683-5-PBS was HRP conjugated as the detection antibody. Range: 0.625-40 ng/mL.



Serum of eight individual healthy human donors was measured. The B2M concentration of detected samples was determined to be 223.48 ng/mL with a range of 111.44-289.89 ng/mL.



Urine of eight individual healthy human donors was measured. The B2M concentration of detected samples was determined to be 202.46 ng/mL with a range of 67.46-352.77 ng/mL.