MAP2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP01208-3

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Capture Antibody Information

Catalog Number: 84306-5-PBS	**Clone ID:** 241653A8	**Conjugate:** Unconjugated
Host: Rabbit	**Reactivity:** human	**Full name:** microtubule-associated protein 2
Isotype: IgG	**Immunogen Catalog Number:** Ag11580	**Gene ID:** 4133
Purification Method: Protein A purification		

Detection Antibody Information

Catalog Number: 84306-3-PBS	**Clone ID:** 241653E9	**Conjugate:** Unconjugated
Host: Rabbit	**Reactivity:** human	**Full name:** microtubule-associated protein 2
Isotype: IgG	**GenBank:** BC038857	**Gene ID:** 4133
Purification Method: Protein A purification	**Immunogen Catalog Number:** Ag11580	

Applications

Tested Applications: Sandwich ELISA	**Range:** 19.5-1250 pg/mL (Sandwich ELISA)	**Recommended Dilutions:** It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP01208-3 targets MAP2 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: MAP2 Recombinant antibody, PBS Only (Capture) 84306-5-PBS (241653A8). 100 µg. Concentration 1 mgl/ml.

Detection antibody: MAP2 Recombinant antibody, PBS Only (Detector) 84306-3-PBS (241653E9). 100 µg. Concentration 1 mgl/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.
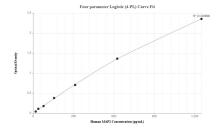
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.
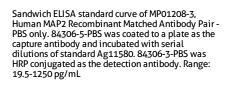
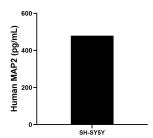Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

Selected Validation Data

Four parameter Logistic (4-PL) Curve Fit

R^2=0.9998

Optical Density

Human MAP2 Concentration (pg/mL)

Human MAP2 (pg/mL)

SH-SY5Y

Sandwich ELISA standard curve of MP01208-3, Human MAP2 Recombinant Matched Antibody Pair - PBS only. 84306-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag11580. 84306-3-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL

The mean MAP2 concentration was determined to be 479.14 pg/mL in SH-SY5Y cell extract based on a 1.0 mg/mL extract load.