For Research Use Only

FMRP Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP03264-1

proteintech®
Antibodies | ELISA kits | Proteins
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Capture Antibody Information

Catalog Number:
87803-3-PBS

Clone ID:
253415D4

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
fragile X mental retardation 1

Isotype:
IgG

GenBank:
BC038998

Gene ID:
2332

Purification Method:
Protein A purification

Immunogen Catalog Number:
Ag4697

Detection Antibody Information

Catalog Number:
87803-2-PBS

Clone ID:
253415D10

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
fragile X mental retardation 1

Isotype:
IgG

GenBank:
BC038998

Gene ID:
2332

Purification Method:
Protein A purification

Immunogen Catalog Number:
Ag4697

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

MP03264-1 targets FMRP in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: FMR1 Recombinant monoclonal antibody, PBS Only (Capture) 87803-3-PBS (253415D4). 100 μg. Concentration 1 mg/ml.

Detection antibody: FMR1 Recombinant monoclonal antibody, PBS Only (Detector) 87803-2-PBS (253415D10). 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.

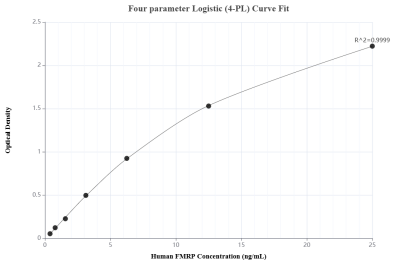
Storage

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

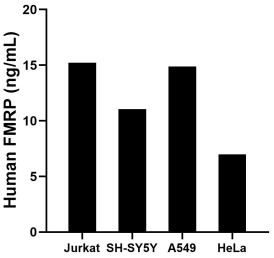
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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 MP03264-1, Human FMRP Recombinant Matched Antibody Pair - PBS only. 87803-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag4697. 87803-2-PBS was HRP conjugated as the detection antibody. Range: 0.391-25 ng/mL



The mean FMRP concentration was determined to be 15.23 ng/mL in Jurkta cell extract based on a 1.2 mg/mL extract load, 11.05 ng/mL in SH-SY5Y cell extract based on a 1.5 mg/mL extract load, 14.89 ng/mL in A549 cell extract based on a 1.2 mg/mL extract load and 6.99 ng/mL in HeLa cell extract based on a 1.2 mg/mL extract load.