For Research Use Only

FMR1 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:87803-3-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
87803-3-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG4697

GenBank Accession Number:
BC038998

GeneID (NCBI):
2332

UNIPROT ID:
Q06787

Full Name:
fragile X mental retardation 1

Calculated MW:
632 aa, 71 kDa

Purification Method:
Protein A purification

CloneNo.:
253415D4

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

87803-3-PBS targets FMR1 as part of a matched antibody pair:

MP03264-1: 87803-3-PBS capture and 87803-2-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications.Antibody use should be optimized by the end user for each application and assay.

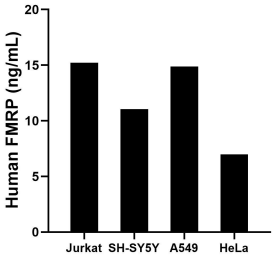
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

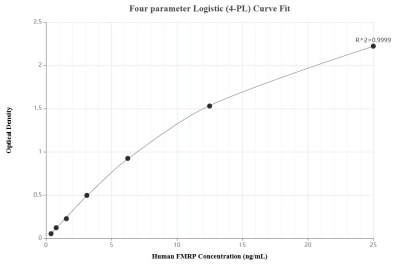
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



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.



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