For Research Use Only

FMR1 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:87803-3-PBS

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Basic Information

Catalog Number:
87803-3-PBS

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

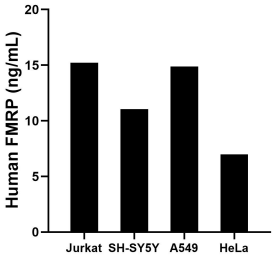
Species Specificity:
human

Background Information

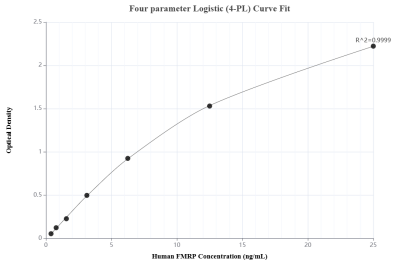
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

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