Mouse anti-Human FMR1 Monoclonal Antibody | anti-FMR1 antibody

FMR1 Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320073	**Mouse**	**Human**	**ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

FMR1; Monoclonal Antibody; FMR1 Monoclonal Antibody; Fragile X mental retardation 1 protein; Fragile X mental retardation protein 1; FMRP; Protein FMR-1; anti-FMR1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	FMR1 Monoclonal Antibody detects endogenous levels of FMR1 protein.
Purity/Purification	Affinity purification
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Applicable Applications for anti-FMR1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human FMR1 expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES

IF (Immunofluorescence)
Immunofluorescence analysis of NIH/3T3 cells using FMR1 Monoclonal Antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

IHC (Immunohiostchemistry)
Immunohistochemistry analysis of paraffin-embedded human brain tissues. showing cytoplasmic localization with DAB staining using FMR1 Monoclonal Antibody.

WB (Western Blot)
Western Blot analysis using FMR1 Monoclonal Antibody against Jurkat (1) and K562 (2) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-FMR1 antibody	The protein encoded by this gene binds RNA and is associated with polysomes. The encoded protein may be involved in mRNA trafficking from the nucleus to the cytoplasm. A trinucleotide repeat (CGG) in the 5' UTR is normally found at 6-53 copies, but an expansion to 55-230 repeats is the cause of fragile X syndrome. Expansion of the trinucleotide repeat may also cause one form of premature ovarian failure (POF1). Multiple alternatively spliced transcript variants that encode different protein isoforms and which are located in different cellular locations have been described for this gene. [provided by RefSeq, May 2010]
Product Categories/Family for anti-FMR1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	544328
NCBI GeneID	2332
UniProt Accession #	Q06787; Q16578; Q5PQZ6; Q99054; A6NNH4; D3DWT0; D3DWT1; D3DWT2; G8JL90
Molecular Weight	632
NCBI Official Full Name	Fragile X mental retardation protein 1
NCBI Official Synonym Full Names	fragile X mental retardation 1
NCBI Official Symbol	FMR1
NCBI Official Synonym Symbols	POF; FMRP; POF1; FRAXA
NCBI Protein Information	fragile X mental retardation protein 1
UniProt Protein Name	Fragile X mental retardation protein 1
UniProt Gene Name	**FMR1**
UniProt Synonym Gene Names	FMRP; Protein FMR-1
UniProt Entry Name	FMR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/fmr1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/320073