
FMR1 (4G9) Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 252868

Unit: 0.1 ml

Description:

FMR1 (Fragile X mental retardation protein 1) is an RNA-binding protein. FMR1 associates with polyribosomes and is a likely component of a messenger ribonuclear protein (mRNP) particle. The 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). RNA-binding protein that plays a role in intracellular RNA transport and in the regulation of translation of target mRNAs.

Isotype: Mouse IgG1

Applications: WB, IHC, IF

Species Reactivity: H

Format: Each vial contains 0.1 ml ascitic fluid with 0.03% sodium azide.

Alternate Names: POF; FMRP; POF1; FRAXA; Fragile X mental retardation protein 1; FMRP; Protein FMR-1; FMR1

Accession No.: Q06787

Antigen: Purified recombinant fragment of human FMR1 expressed in *E. coli*.

Application Notes: WB: 1:500-1:2000; IHC: 1:200-1:1000; IF: 1:200-1:1000;

Storage: Store at 4°C for short term use only. Store at -20°C for storage over 1 month. Product is guaranteed 6 months from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.