

FMRP RABBIT MAB

Cat.#: N261552

Product Name: Anti-FMRP Rabbit Monoclonal Antibody

Synonyms: FMR1; Fragile X mental retardation protein 1; FMRP; Protein FMR-1

UNIPROT ID: Q06787

Background: 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.

Immunogen: A synthetic peptide of human FMRP

Applications: WB,IHC-F,IHC-P,ICC/IF

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

Host Species: Rabbit

Clonality: Rabbit Monoclonal

Clone ID: R08-5G5

MW: Calculated MW: 71 kDa; Observed MW: 70-80 kDa

Isotype: IgG

Purification: Affinity Purified

Species Reactivity: Human,Monkey

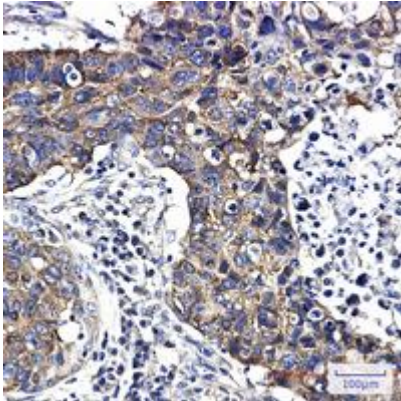
Conjugation: Unconjugated

Modification: Unmodified

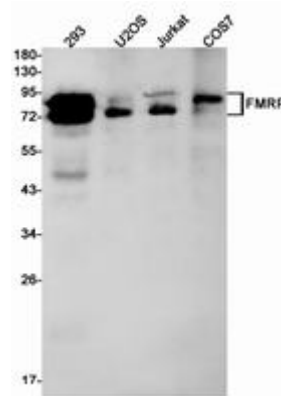
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Neuroscience

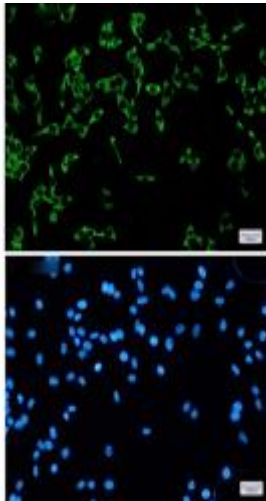
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human lung cancer using FMRP antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Western blot analysis of FMRP in 293, U2OS, Jurkat, COS7 lysates using FMRP antibody.



Immunocytochemistry analysis of FMRP (green) in HeLa using FMRP antibody, and DAPI (blue)