

FMRP Rabbit mAb

Catalog No: #52010

Package Size: #52010-1 50ul #52010-2 100ul

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Description

Product Name	FMRP Rabbit mAb
Clone No.	S08-5G5
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human FMRP
Conjugates	Unconjugated
Modification	Unmodification
Other Names	FMR1; Fmr1 gene; FMRP; Fragile X mental retardation 1; Fragile X mental retardation 1 protein; FRAXA;POF; POF1; Protein FMR-1; Protein FMR1;
Accession No.	Swiss-Prot:Q06787GeneID:2332
Uniprot	Q06787
GeneID	2332
Calculated MW	Calculated Mol Weight:71 kDa
Concentration	0.5mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

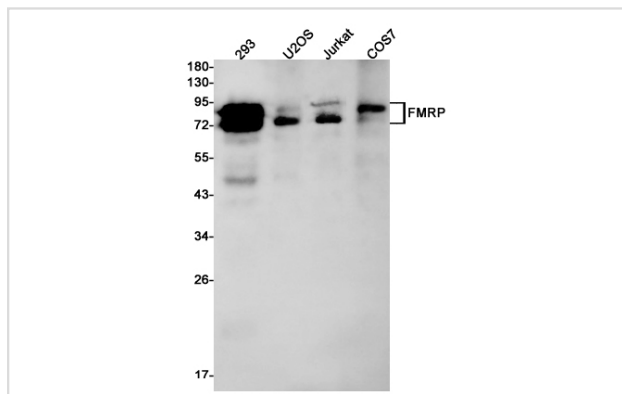
Application Details

WB 1:1000-1:2000

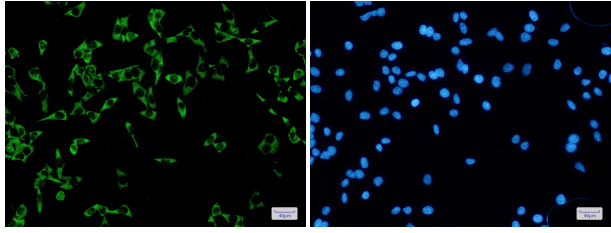
IHC 1:100-1:200

IF 1:50-1:200

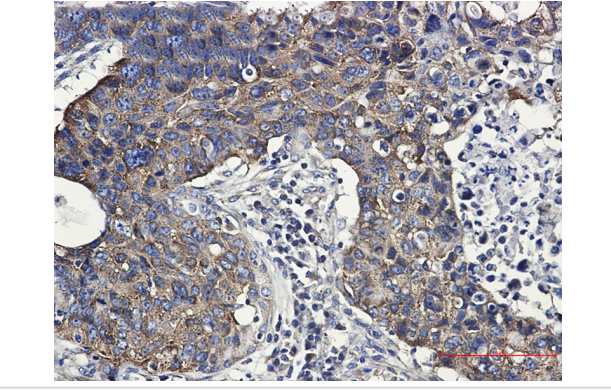
Images



Western blot detection of FMRP in 293,U2OS,Jurkat,COS7 cell lysates using FMRP Rabbit mAb(1:1000 diluted).Predicted band size:71kDa.Observed band size:70-80kDa.



Immunofluorescence of FMRP (green) in HeLa using FMRP Rabbit mAb at dilution 1/5, and DAPI(blue)



Immunohistochemistry of FMRP in paraffin-embedded Human lung cancer tissue using FMRP Rabbit mAb at dilution 1/50

Background

Multifunctional polyribosome-associated RNA-binding protein that plays a central role in neuronal development and synaptic plasticity through the regulation of alternative mRNA splicing, mRNA stability, mRNA dendritic transport and postsynaptic local protein synthesis of target mRNAs.

Note: This product is for in vitro research use only