

Anti-FMR1 antibody [4G9] (STJ98082)

STJ98082

GENERAL INFORMATION

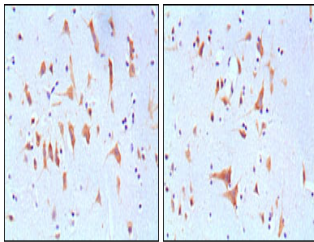
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Synaptic Functional Regulator Fmr1 is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry and ELISA research applications.
Applications	WB, IHC-P, IF, ICC, ELISA
Host/Source	Mouse
Reactivity	Human

PRODUCT PROPERTIES

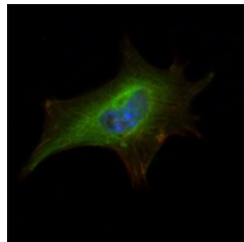
Clonality	Monoclonal
Clone ID	4G9
Concentration	
Conjugation	Unconjugated
Purification	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
Dilution Range	WB 1:500-1:2000 IHC 1:200-1:1000 IF 1:200-1:1000 ELISA 1:10000
Formulation	Ascitic fluid, 0.03% Sodium Azide, 0.5% BSA, 50% Glycerol.
Isotype	IgG1
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

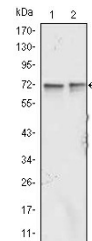
Gene ID	2332
Gene Symbol	FMR1
Uniprot ID	FMR1_HUMAN
Immunogen	Purified recombinant fragment of human FMR1 expressed in E.coli.
Immunogen Region	
Specificity	FMR1 monoclonal antibody (Synaptic Functional Regulator Fmr1) binds to endogenous Synaptic Functional Regulator Fmr1.
Immunogen Sequence	



Immunohistochemistry analysis of paraffin-embedded human brain tissues, showing cytoplasmic localization with DAB staining using FMR1 monoclonal antibody.



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.



Western blot analysis using FMR1 monoclonal antibody against Jurkat (1) and K562 (2) cell lysate.