

Anti-FMRP (FMR1) Mouse Monoclonal Antibody [Clone ID: OTI1C6]

Catalog Number: M00192-1

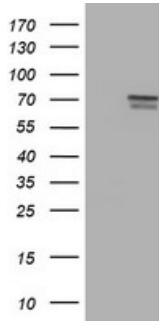
Overview

Product Name	Anti-FMRP (FMR1) Mouse Monoclonal Antibody [Clone ID: OTI1C6]
Reactive Species	Dog, Human, Monkey, Mouse, Rat
Description	Boster Bio FMR1 (FMRP) mouse monoclonal antibody, clone OTI1C6 (formerly 1C6). Catalog# M00192-1. Tested in FC, IF, IHC, WB. This antibody reacts with Human, Monkey, Mouse, Rat, Dog.
Application	Flow Cytometry, IF, IHC, WB
Clonality	Monoclonal OTI1C6
Formulation	PBS (pH 7.3) containing 1% stabilizing protein, 50% glycerol and 0.02% sodium azide. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C as received.
Host	Mouse
Uniprot ID	Q06787

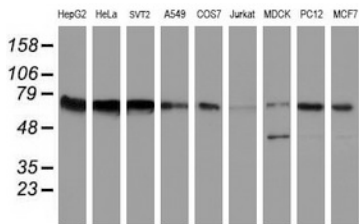
Technical Details

Immunogen	Human recombinant protein fragment corresponding to amino acids 36-279 of human FMR1 (NP_002015) produced in E.coli.
Isotype	IgG1
Concentration	1 mg/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Suggested Dilutions	WB: 1:500~2000 IHC: 1:150 IF: 1:100 Flow cytometry: 1:100

Anti-FMRP (FMR1) Mouse Monoclonal Antibody [Clone ID: OTI1C6] (M00192-1) Images



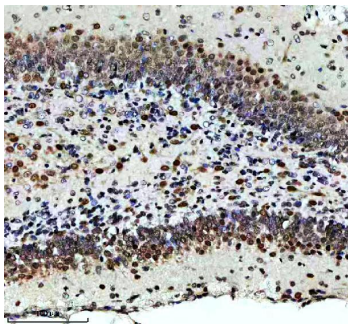
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY FMR1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-FMR1.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-FMR1 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).

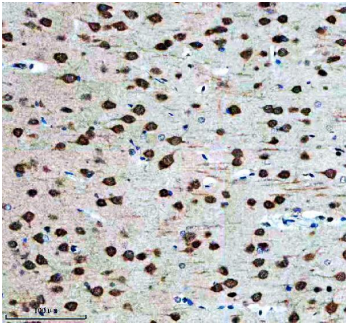


IHC analysis of FMR1 using anti-FMR1 antibody (M00192-1). FMR1 was detected in a paraffin-embedded section of mouse brain tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1:150 mouse anti-FMR1 Antibody (M00192-1) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Mouse IgG Super Vision Assay Kit (Catalog # SV0001) with DAB as the chromogen.

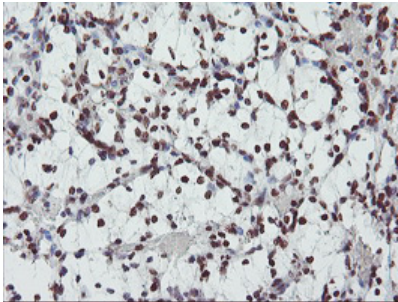


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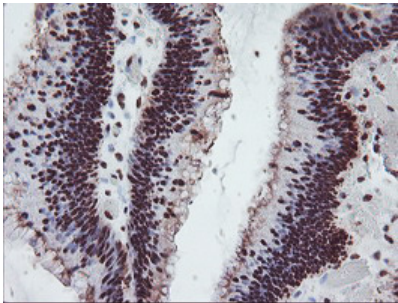
IHC analysis of FMR1 using anti-FMR1 antibody (M00192-1). FMR1 was detected in a paraffin-embedded section of rat brain tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue



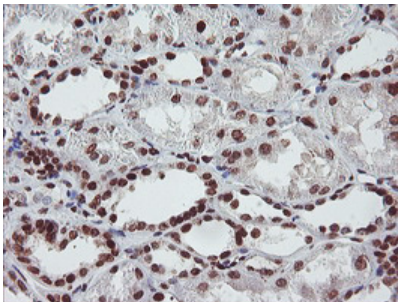
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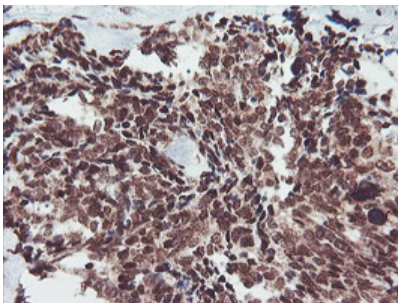
Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-FMR1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-FMR1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer

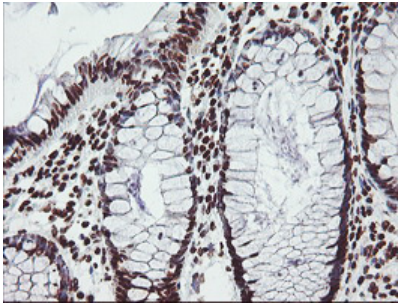


Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-FMR1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer

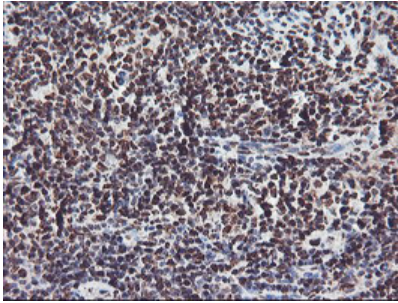


Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-FMR1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer

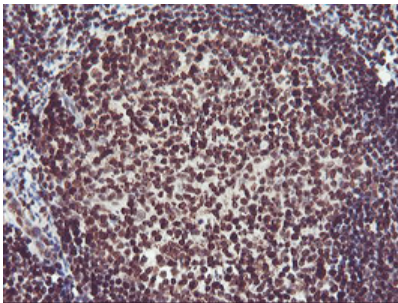
Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-FMR1 mouse



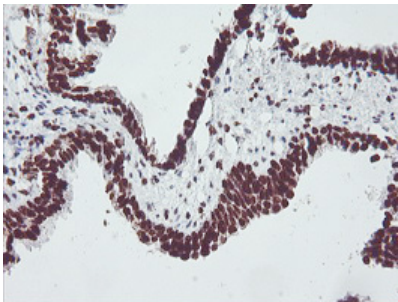
monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



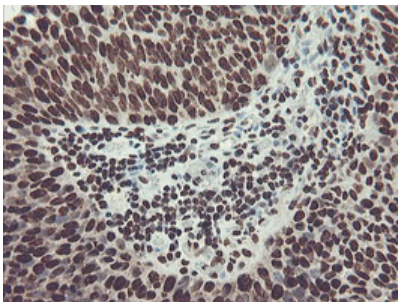
Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-FMR1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-FMR1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

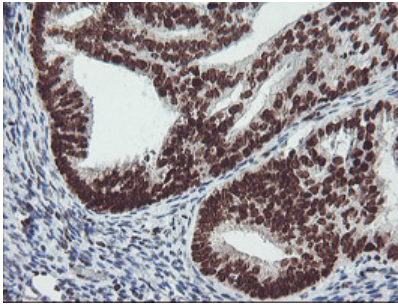


Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-FMR1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

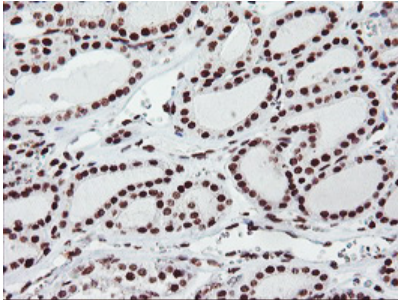


Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-FMR1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)

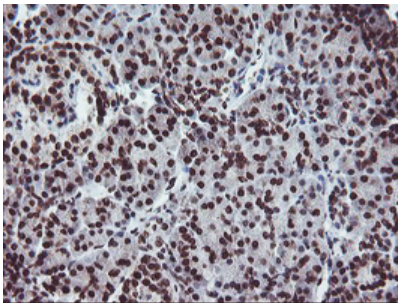
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-



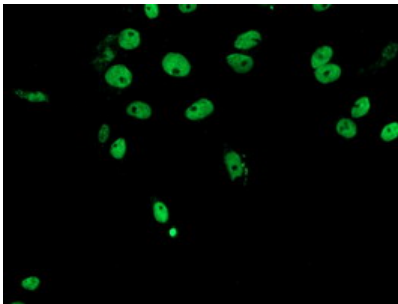
FMR1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



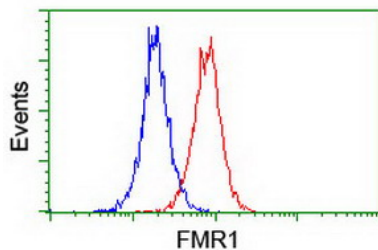
Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-FMR1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-FMR1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer)



Anti-FMR1 mouse monoclonal antibody (M00192-1) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY FMR1.



Flow cytometric Analysis of Jurkat cells

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Anti-FMRP (FMR1) Mouse Monoclonal Antibody [Clone ID: OT11C6]

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