

# Product Datasheet

## FMRP Antibody (OTI1C6) - Azide and BSA Free NBP2-70756

Unit Size: 100 ug

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-70756**

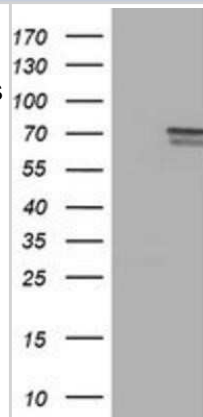
FMRP Antibody (OT11C6) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OT11C6
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	71 kDa
Product Description	
Description	Novus Biologicals Mouse FMRP Antibody (OT11C6) - Azide and BSA Free (NBP2-01770) is a monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	2332
Gene Symbol	FMR1
Species	Human, Mouse, Rat, Canine, Monkey
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions.
Immunogen	Human recombinant protein fragment corresponding to amino acids 36-279 of human FMR1(NP_002015) produced in E.coli.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-2000, Flow Cytometry 1:100, Immunohistochemistry 1:150, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin, CyTOF-ready

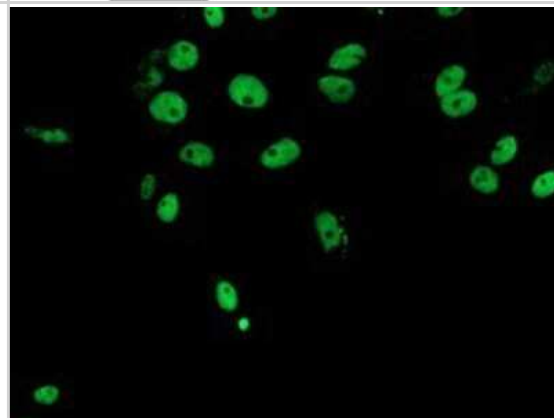


## Images

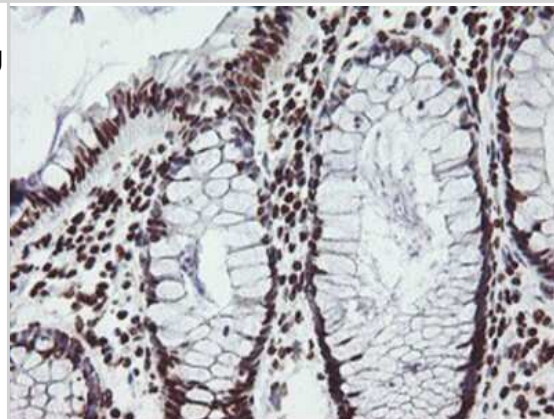
Western Blot: FMRP Antibody (OT11C6) - Azide and BSA Free [NBP2-70756] - HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY FMRP (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-FMRP.



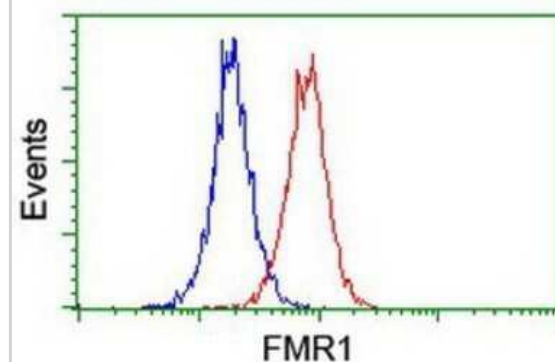
Immunocytochemistry/Immunofluorescence: FMRP Antibody (OT11C6) - Azide and BSA Free [NBP2-70756] - Staining of COS7 cells transiently transfected by pCMV6-ENTRY FMRP.



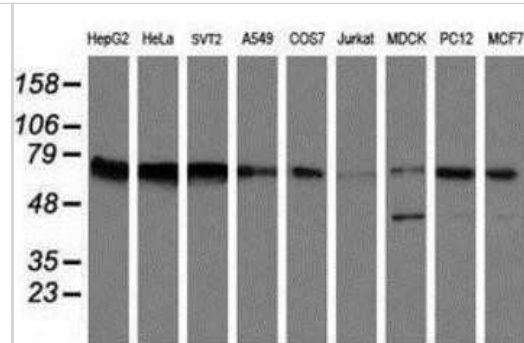
Immunohistochemistry: FMRP Antibody (OT11C6) - Azide and BSA Free [NBP2-70756] - Staining of paraffin-embedded Human colon tissue using anti-FMRP mouse monoclonal antibody.



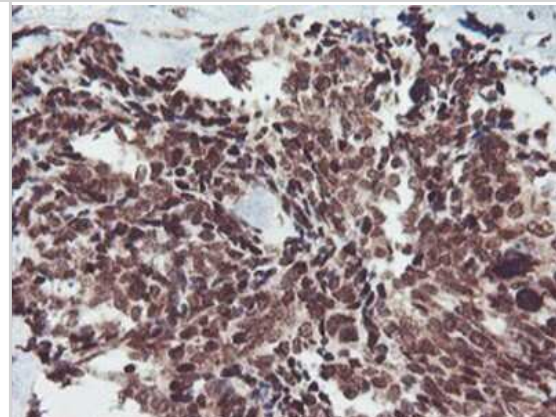
Flow Cytometry: FMRP Antibody (OT11C6) - Azide and BSA Free [NBP2-70756] - Analysis of Jurkat cells, using anti-FMRP antibody, (Red), compared to a nonspecific negative control antibody (Blue).



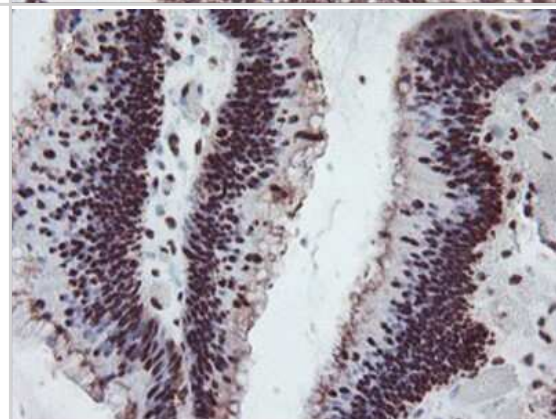
Western Blot: FMRP Antibody (OT11C6) - Azide and BSA Free [NBP2-70756] - Analysis of extracts (35ug) from 9 different cell lines by using anti-FMRP monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



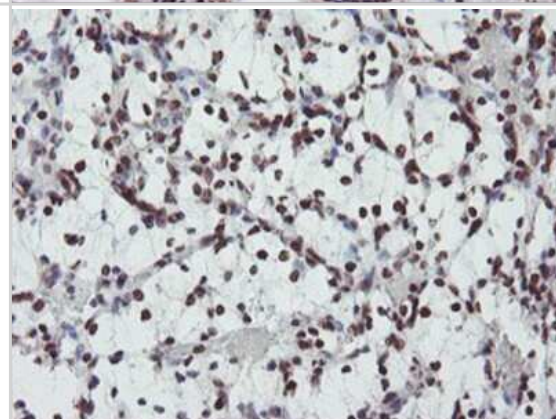
Immunohistochemistry: FMRP Antibody (OT11C6) - Azide and BSA Free [NBP2-70756] - Staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-FMRP mouse monoclonal antibody.



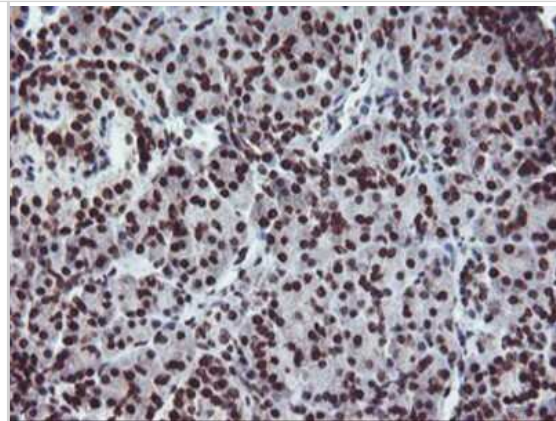
Immunohistochemistry: FMRP Antibody (OT11C6) - Azide and BSA Free [NBP2-70756] - Staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-FMRP mouse monoclonal antibody.



Immunohistochemistry: FMRP Antibody (OT11C6) - Azide and BSA Free [NBP2-70756] - Staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-FMRP mouse monoclonal antibody.



Immunohistochemistry: FMRP Antibody (OT11C6) - Azide and BSA Free [NBP2-70756] - Staining of paraffin-embedded Human pancreas tissue using anti-FMRP mouse monoclonal antibody.





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### **Products Related to NBP2-70756**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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