

PPP2R5D Monoclonal Antibody (H5D12)

Catalog NumberMA5-18066

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Rat
Host/Isotope	Mouse / IgG1	Tested Applications	Dilution *
Class	Monoclonal		
Type	Antibody		
Clone	H5D12		
Immunogen	GST-N-terminal fragment of human PP2A-B56 delta (Immunogen sequence: 2-165 (GST fusion))	Immunoprecipitation (IP)	Assay-dependent
Conjugate	Unconjugated	Western Blot (WB)	1:4,000
Form	Liquid	Immunocytochemistry (ICC/IF)	Assay-dependent
Concentration	1 mg/mL	* Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls.	
Purification	Protein G		
Storage buffer	PBS		
Contains	0.1% sodium azide		
Storage Conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.		

Product specific information

This antibody does not exhibit cross-reactivity with B56 alpha, beta, gamma or epsilon.

Background/Target Information

Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression. ZNF265 (Zinc finger protein 265), also known as ZRANB2 (Zinc finger Ran-binding domain-containing protein 2), ZIS, ZIS1 or ZIS2, is a 330 amino acid protein that belongs to the ZRANB2 family. Localized to the nucleus, ZNF265 functions as a splicing factor that is responsible for alternatively splicing Tra-2 beta (transformer-2 beta) transcripts and is thought to interfere with constitutive 5'-splice selection. ZNF265 contains two RanBP2-type zinc fingers through which it conveys its RNA-binding activity. Two isoforms, designated ZIS-1 and ZIS-2, are expressed due to alternative splicing events. Upon DNA damage, ZIS-2 may be phosphorylated by ATM or ATR.

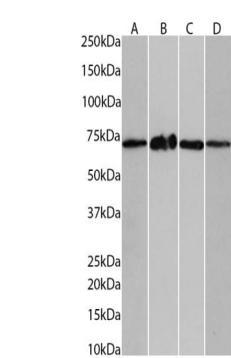
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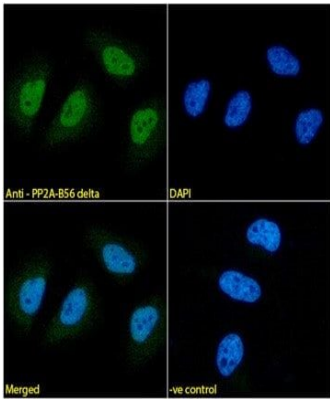
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Product Images For PPP2R5D Monoclonal Antibody (H5D12)



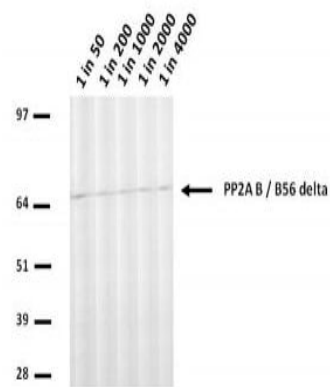
PPP2R5D Antibody (MA5-18066) in WB

Western blot analysis of PPP2R5D in various lysates. Samples were incubated with PPP2R5D monoclonal antibody (Product # MA5-18066) for 1 hour. Lane 1: HeLa (1 µg/mL); Lane 2: MCF7 (0.1 µg/mL); A431 (0.1 µg/mL); Lane 4: Jurkat (0.03 µg/mL). Cell lysate: 35 µg protein in RIPA buffer. Detected by chemiluminescence.



PPP2R5D Antibody (MA5-18066) in ICC/IF

Immunocytochemistry analysis of PPP2R5D in paraformaldehyde fixed HeLa cells, permeabilized with 0.15% Triton. Samples were incubated with PPP2R5D monoclonal antibody (Product # MA5-18066) using a dilution of 1:100 for 1hr. Followed by Alexa Fluor® 488 secondary antibody at a 1:1,000 dilution, showing nuclear staining. The nuclear stain is DAPI (blue). Negative control: Mouse IgG1 negative control followed by Alexa Fluor® 488 secondary antibody.



PPP2R5D Antibody (MA5-18066) in WB

Western blot analysis of PPP2R5D/PP2A B56 delta in U2OS lysates using a PPP2R5D/PP2A B56 delta monoclonal antibody (Product # MA5-18066) at various dilutions, followed by detection using an AP-conjugated mouse IgG whole molecule antibody at a dilution of 1:2000 on a BCIP/NBT substrate.

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