

MA2 Polyclonal Antibody

Catalog Number PA5-30983

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Tested Applications	
Class	Polyclonal	Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000
Type	Antibody	Western Blot (WB)	1:500-1:3,000
Immunogen	Recombinant fragment corresponding to a region within amino acids 1 and 203 of Human PNMA2	* 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.	
Conjugate	Unconjugated		
Form	Liquid		
Concentration	0.82 mg/mL		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

PA5-30983 targets PNMA2 in IHC (P) and WB applications and shows reactivity with Human samples. The PA5-30983 immunogen is recombinant fragment corresponding to a region within amino acids 1 and 203 of Human PNMA2.

Background/Target Information

In patients with cancer, symptoms of limbic and brain-stem dysfunction may result from a para-neoplastic disorder. Two proteins, Ma1 and Ma2, were discovered by presence of autoantibodies against them. Antibodies to Ma1 and Ma2 proteins identify a paraneoplastic disorder that affects the limbic system, brain stem, and cerebellum. These autoantibodies were used to clone Ma2, which codes for a protein (Ma2) that was recognized by serum from the 10 patients, but not by serum from 344 control subjects. Ma2 was selectively expressed by normal brain tissue and by the testicular tumors of the patients. Ma2 shares homology with Ma1, a "brain-testis-cancer" gene related to other para-neoplastic syndromes and tumors.

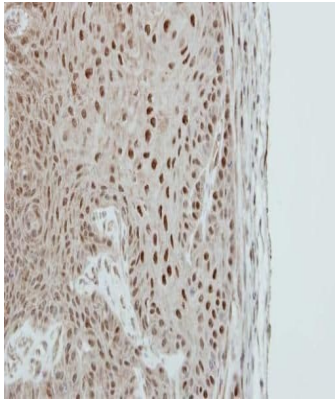
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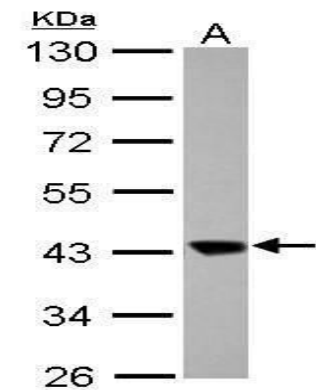
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Product Images For MA2 Polyclonal Antibody



MA2 Antibody (PA5-30983) in IHC (P)
Immunohistochemical analysis of PNMA2 in paraffin-embedded Cal27 xenograft using a PNMA2 polyclonal antibody (Product # PA5-30983) at a dilution of 1:500.



MA2 Antibody (PA5-30983) in WB
Western blot analysis of PNMA2 using 30 µg of IMR32 lysate. Samples were loaded onto a 10% SDS-PAGE gel and probed with a PNMA2 polyclonal antibody (Product # PA5-30983) at a dilution of 1:2000.

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