

MDA5 Polyclonal Antibody

Catalog NumberPA5-20337

Product data sheet

Details		Species Reactivity	
Size	100 µg	Species reactivity	Human
Host/Isotope	Rabbit / IgG	Published species	Human, Mouse, Not Applicable
Class	Polyclonal	Tested Applications	
Type	Antibody	Immunohistochemistry (IHC)	5 µg/mL
Immunogen	A 16 amino acid peptide from near the carboxy terminus of human MDA5.	Western Blot (WB)	1-4 µg/mL
		Published Applications	
Conjugate	Unconjugated	Western Blot (WB)	See 1 publications below
Form	Liquid	* 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.	
Concentration	1 mg/mL		
Purification	Antigen affinity chromatography		
Storage buffer	PBS		
Contains	0.02% sodium azide		
Storage Conditions	Maintain refrigerated at 2-8°C for up to 3 months. For long term storage store at -20°C		

Product specific information

A suggested positive control is Daudi cell lysate. PA5-20337 can be used with blocking peptide PEP-0457.

Background/Target Information

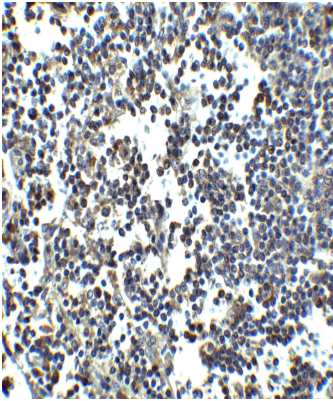
DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp and a protein kinase C-activating compound, mezerein. Irreversible reprogramming of melanomas can be achieved by treatment with both these agents; treatment with either agent alone only achieves reversible differentiation.

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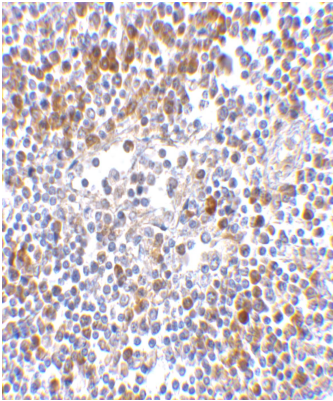
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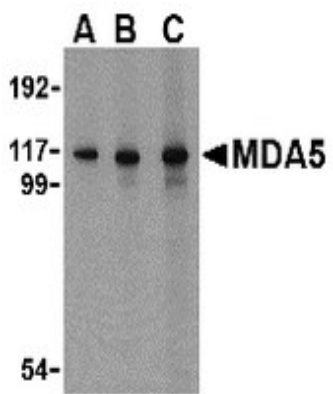
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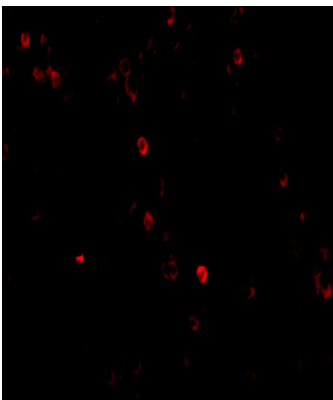
MDA5 Antibody (PA5-20337) in IHC
Immunohistochemistry of MDA5 in human lymph node tissue with MDA5 Polyclonal Antibody (Product # PA5-20337) at 2.5 µg/mL.



MDA5 Antibody (PA5-20337) in IHC
Immunohistochemistry of MDA5 in human lymph node tissue with MDA5 Polyclonal Antibody (Product # PA5-20337) at 5 µg/mL.



MDA5 Antibody (PA5-20337) in WB
Western Blot analysis of MDA5 in Daudi cell lysate with MDA5 Polyclonal Antibody (Product # PA5-20337) at (A) 1, (B) 2 and (C) 4 µg/mL.



MDA5 Antibody (PA5-20337) in ICC/IF
Immunofluorescence of MDA5 in Human Lymph Node cells with MDA5 Polyclonal Antibody (Product # PA5-20337) at 20 µg/mL.

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PubMed References For MDA5 Polyclonal Antibody

1 Western Blot References

Species / Dilution	Summary
	PA5-20337 was used in western blot to study the relationship between adenosine deaminase acting on RNA 1 (ADAR1) and type I IFNs
Mouse / Not Cited	<p>Journal of immunology (Baltimore, Md. : 1950) (2014; 193: 3436)</p> <p>"Adenosine deaminase acting on RNA 1 limits RIG-I RNA detection and suppresses IFN production responding to viral and endogenous RNAs."</p> <p>Author(s):Yang S,Deng P,Zhu Z,Zhu J,Wang G,Zhang L,Chen AF,Wang T,Sarkar SN,Billiar TR,Wang Q</p> <p>PubMed Article URL:http://dx.doi.org/10.4049/jimmunol.1401136</p>

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