

DMC1 Monoclonal Antibody (1D12/4)

Catalog Number MA1-16547

Product data sheet

Details		Species Reactivity	
Size	100 µL	Species reactivity	Human, Mouse
Host/Isotope	Mouse / IgG1	Tested Applications	
Class	Monoclonal	Immunoprecipitation (IP)	Dilution *
Type	Antibody	Western Blot (WB)	Assay-Dependent
Clone	1D12/4	* 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.	
Immunogen	His-tagged human DMC-1, over expressed in E. coli.		
Conjugate	Unconjugated		
Form	Liquid		
Concentration	1 mg/mL		
Storage buffer	ascites		
Contains	0.1% sodium azide		
Storage Conditions	-20° C, Avoid Freeze/Thaw Cycles		

Product specific information

Suggested positive control: mouse testis protein.

Background/Target Information

DMC1 is essential for meiotic homologous recombination. Genetic recombination in meiosis plays an important role in generating diversity of genetic information. The product of this protein is structurally and evolutionary related to the products of the yeast RAD51 and E. coli RecA genes.

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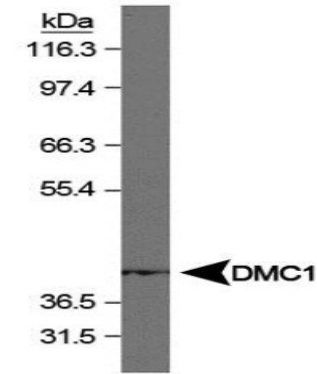
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DMC1 Antibody (MA1-16547) in WB

Western blot analysis of DMC1 in human testis. Sample was incubated in DMC1 monoclonal antibody (Product # MA1-16547).



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