

Product Datasheet

DMC1 Antibody (1D12/4) - BSA Free NB100-181

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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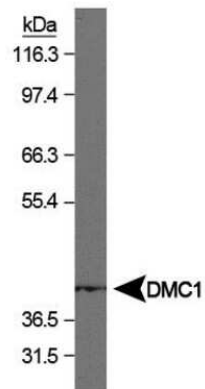
NB100-181

DMC1 Antibody (1D12/4) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1D12/4
Preservative	0.1% Sodium Azide
Isotype	IgG1
Purity	Unpurified
Buffer	Ascites
Target Molecular Weight	37 kDa
Product Description	
Description	Novus Biologicals Mouse DMC1 Antibody (1D12/4) - BSA Free (NB100-181) is a monoclonal antibody validated for use in WB and IP. Anti-DMC1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	11144
Gene Symbol	DMC1
Species	Human, Mouse
Reactivity Notes	Does not cross-react with human Rad51 in Western blot analysis.
Immunogen	This DMC1 Antibody (1D12/4) is made against His-tagged human DMC1, overexpressed in E. coli [UniProt# Q14565].
Product Application Details	
Applications	Western Blot, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000, Immunoprecipitation reported in scientific literature
Application Notes	In Western Blot, a band can be seen at ~37 kDa for endogenous protein and ~40.5 kDa for recombinant his-tagged DMC1. The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.

Images

Western Blot: DMC1 Antibody (1D12/4) [NB100-181] - Analysis of DMC1 on human testis using NB100-181.



Publications

Masson, J et al. The meiosis-specific recombinase hDms1 forms ring structures interacts with hRad51. EMBO J. 18:6552-6560. 1999-01-01 [PMID: 10562567] (WB, IP, Human)

Procedures

Western Blot protocol for DMC1 Antibody (NB100-181)

DMC1 Antibody (1D12/4):

Western Blot

Procedure Guide for NB 100-181 Anti-hDMC-1

Western Blot

1. Proteins are separated on an SDS-PAGE gel.
2. Following the protein transfer, the membrane is blocked with 5% NFDM in TBS-T.
3. The membrane is then washed.
4. NB 100-181 [anti-hDMC] is diluted 1:1,000 in dilution buffer [5% NFDM in TBS-T] and incubated for 3 hours at room temperature, gently shaking.
5. The membrane is then washed.
6. Secondary antibody [HRP conjugated goat anti-mouse] is incubated for 45 minutes at room temperature, gently shaking.
7. Develop membrane.

NOTE: Mouse testis tissue extracts were used as a positive control for this antibody. MEF 161 and HeLa whole cell extracts were not shown to work in Western analysis.





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Products Related to NB100-181

NB820-59672	Mouse Testis Whole Tissue Lysate (Adult Whole Normal)
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)

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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