

Product Datasheet

MDC1 Antibody (P2B11) - BSA Free NBP2-12890

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-12890

MDC1 Antibody (P2B11) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	P2B11
Preservative	0.09% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS (pH 7.4), 50% Glycerol

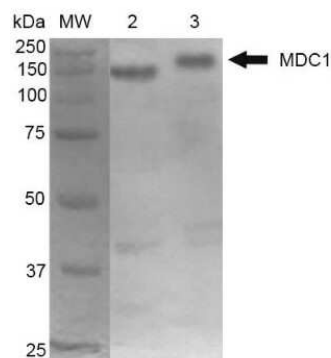
Product Description	
Description	Novus Biologicals Mouse MDC1 Antibody (P2B11) - BSA Free (NBP2-12890) is a monoclonal antibody validated for use in WB and ICC/IF. Anti-MDC1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	9656
Gene Symbol	MDC1
Species	Human, Mouse, Bovine, Non-human Primate
Specificity/Sensitivity	Detects approx 184kDa. This antibody recognizes MDC1 at and around the N-terminus.
Immunogen	GST-tagged recombinant protein corresponding to mouse MDC1 at and around the N-terminus

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:2000, Immunocytochemistry/ Immunofluorescence 1:100
Application Notes	0.5 ug/ml of MDC1 Antibody was sufficient for detection of MDC1 in 10 ug of HeLa cell lysate by ECL immunoblot analysis.

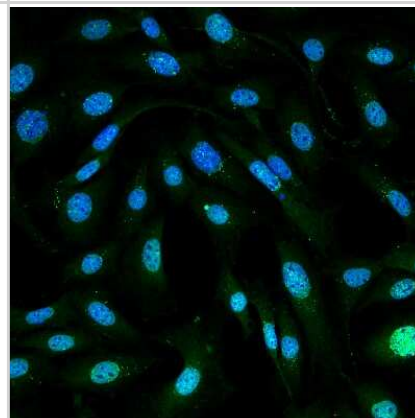


Images

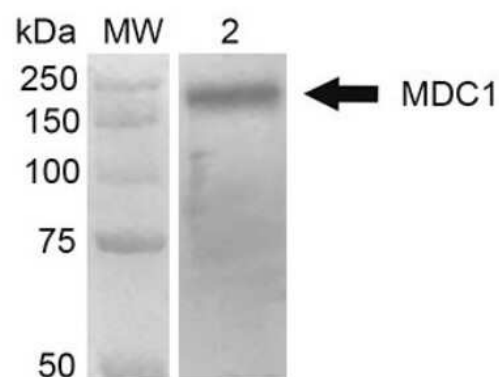
Western Blot: MDC1 Antibody (P2B11) [NBP2-12890] - Western Blot analysis of Mouse Cortex and Cerebellum showing detection of 184 kDa MDC1 protein using Mouse Anti-MDC1 Monoclonal Antibody, Clone P2B11 (NBP2-12890). Lane 1: MW ladder. Lane 2: Mouse Cortex. Lane 3: Mouse Cerebellum. Load: 10 ug. Block: 5% Skim Milk in 1X TBST. Primary Antibody: Mouse Anti-MDC1 Monoclonal Antibody (NBP2-12890) at 1:1000 for 2 hours RT. Secondary Antibody: Goat Anti-Mouse at 1:2000 for 60 min at RT. Color Development: ECL solution for 5 min in RT. Predicted/Observed Size: 184 kDa.



Immunocytochemistry/Immunofluorescence: MDC1 Antibody (P2B11) [NBP2-12890] - Tissue: Fibroblast cell line (NIH 3T3). Species: Mouse. Fixation: 4% Formaldehyde for 15 min at RT. Primary Antibody: Mouse Anti-MDC1 Monoclonal Antibody at 1:100 for 60 min at RT. Secondary Antibody: Goat Anti-Mouse ATTO 488 at 1:100 for 60 min at RT. Counterstain: DAPI (blue) nuclear stain at 1:5000 for 5 min RT. Localization: Nucleus. Magnification: 60X.



Western Blot: MDC1 Antibody (P2B11) [NBP2-12890] - analysis of Human 293Trap cell lysates showing detection of 184 kDa MDC1 protein using Mouse Anti-MDC1 Monoclonal Antibody, Clone P2B11. Lane 1: MW ladder. Lane 2: 293Trap cell lysates. Load: 30 ug. Block: 5% Skim Milk in 1X TBST. Primary Antibody: Mouse Anti-MDC1 Monoclonal Antibody at 1:1000 for 2 hours RT. Secondary Antibody: Goat Anti-Mouse HRP: IgG at 1:2000 for 60 min at RT. Color Development: ECL solution for 5 min in RT. Predicted/Observed Size: 184 kDa.



Publications

Legartova S, Svobodova Kovarikova A, Behalova Suchankova J et al. Early recruitment of PARP-dependent m8A RNA methylation at DNA lesions is subsequently accompanied by active DNA demethylation RNA biology 2022-01-01 [PMID: 36382943] (ICC/IF, Human)

Legartova S, Suchankova J, Bartova E PARP dependent recruitment of RNA methylated at 8-adenosine is linked to base excision repair mechanism Research Square 2021-09-10 (ICC/IF, Human)



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Products Related to NBP2-12890

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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