

Product Datasheet

PRDM5 Antibody (7D4C12) - BSA Free NBP2-52540

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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Publications: 2

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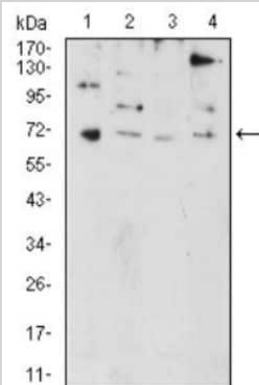
NBP2-52540

PRDM5 Antibody (7D4C12) - BSA Free

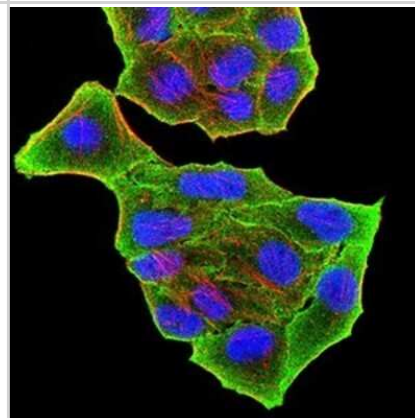
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	7D4C12
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	73 kDa
Product Description	
Description	Novus Biologicals Mouse PRDM5 Antibody (7D4C12) - BSA Free (NBP2-52540) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-PRDM5 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	11107
Gene Symbol	PRDM5
Species	Human, Mouse
Immunogen	Purified recombinant fragment of human PRDM5 (AA: 1-100) expressed in E. Coli.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100-1:500, Immunohistochemistry-Paraffin, CyTOF-ready
Application Notes	This antibody is Cytof ready. Use in Immunohistochemistry-paraffin reported in scientific literature (PMID: 31119897).

Images

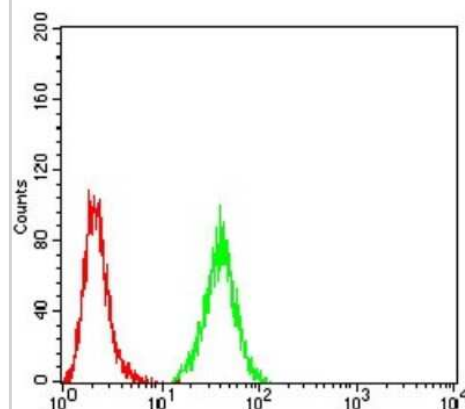
Western Blot: PRDM5 Antibody (7D4C12) [NBP2-52540] - Western blot analysis using PRDM5 mouse mAb against HL-60 (1), NIH/3T3 (2), SW480 (3), and HEK293 (4) cell lysate.



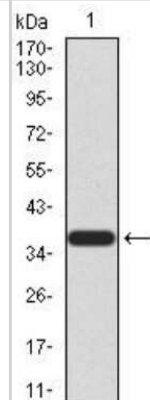
Immunocytochemistry/Immunofluorescence: PRDM5 Antibody (7D4C12) [NBP2-52540] - Analysis of MCF-7 cells using PRDM5 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



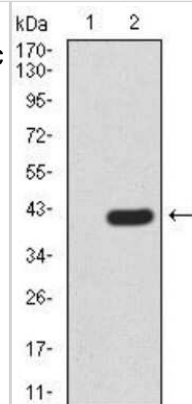
Flow Cytometry: PRDM5 Antibody (7D4C12) [NBP2-52540] - Analysis of HeLa cells using PRDM5 mouse mAb (green) and negative control (red).



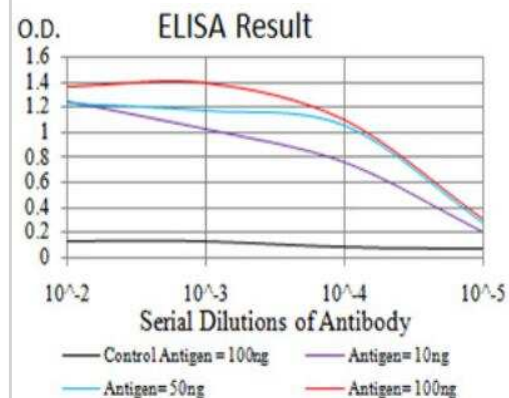
Western Blot: PRDM5 Antibody (7D4C12) [NBP2-52540] - Analysis using PRDM5 mAb against human PRDM5 (AA: 1-100) recombinant protein. (Expected MW is 37.6 kDa)



Western Blot: PRDM5 Antibody (7D4C12) [NBP2-52540] - Analysis using PRDM5 mAb against HEK293 (1) and PRDM5 (AA: 1-100)-hIgGFc transfected HEK293 (2) cell lysate.



ELISA: PRDM5 Antibody (7D4C12) [NBP2-52540] - Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng).



Publications

Teng JJ, Zhao WJ, Zhang XL Et al. Downregulation of promoter methylation gene PRDM5 contributes to the development of tumor proliferation and predicts poor prognosis in gastric cancer Journal of Cancer 2021-10-03 [PMID: 34659579]

Zhou P, Chen X, Li M Overexpression of PRDM5 promotes acute myeloid leukemia cell proliferation and migration by activating the JNK pathway Cancer Med 2019-05-23 [PMID: 31119897] (IHC-P, Human)



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Products Related to NBP2-52540

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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