

Product Datasheet

PMS2 Antibody (163C1251) - BSA Free NB100-56554

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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NB100-56554

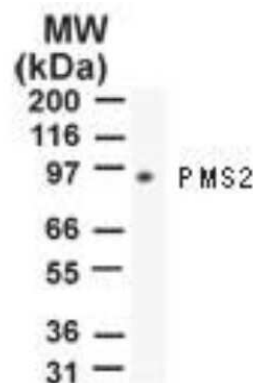
PMS2 Antibody (163C1251) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	163C1251
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Mouse PMS2 Antibody (163C1251) - BSA Free (NB100-56554) is a monoclonal antibody validated for use in IHC, WB and Flow. Anti-PMS2 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5395
Gene Symbol	PMS2
Species	Human, Mouse
Immunogen	This antibody was generated by immunizing mice with a synthetic peptide corresponding to amino acids 623-639 SSLAKRIKQLHHEAQQS of human PMS2; GenBank No. NP_000526.1.
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 1ug per 10 ⁶ cells, Immunohistochemistry 2-5ug/ml, Immunohistochemistry-Paraffin 2-5ug/ml, CyTOF-ready
Application Notes	An approx. 85 kDa band should be observed. This antibody is Cytotof ready.

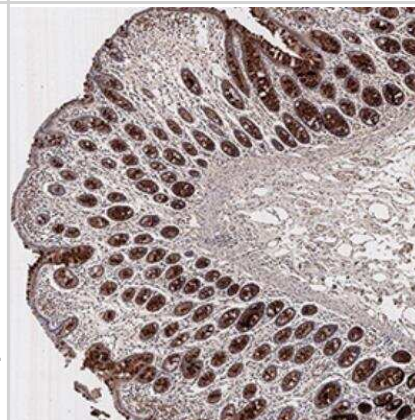


Images

Western Blot: PMS2 Antibody (163C1251) [NB100-56554] - Analysis of PMS2 using this antibody at 2 ug/ml against 10 ug of NIH 3T3 cell lysate.



Immunohistochemistry-Paraffin: PMS2 Antibody (163C1251) [NB100-56554] - Analysis of formalin fixed paraffin-embedded (FFPE) human colon cancer using PMS2 antibody at 5 ug/ml on a Bond Rx autostainer (Leica Biosystems). The assay involved 20 minutes of heat induced antigen retrieval (HIER) using 10mM sodium citrate buffer (pH 6.0) and endogenous peroxidase quenching with peroxide block. The sections were incubated with primary antibody for 30 minutes and Bond Polymer Refine Detection (Leica Biosystems) with DAB was used for signal development followed by counterstaining with hematoxylin. Whole slide scanning and capturing of representative images was performed using Aperio AT2 (Leica Biosystems). Nuclear staining of PMS2 was observed. Staining was performed by Histowiz.



Publications

Inanaga S, Igase M, Sakai Y et al. Mismatch repair deficiency in canine neoplasms Veterinary pathology 2021-09-19 [PMID: 34538134]



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Products Related to NB100-56554

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NB100-56554APC	PMS2 Antibody (163C1251) [Allophycocyanin]

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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