

Product Datasheet

Dnmt2 Antibody (102B1259.2) - BSA Free NB200-587

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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NB200-587

Dnmt2 Antibody (102B1259.2) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	102B1259.2
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein G purified
Buffer	PBS containing 0.2% gelatin

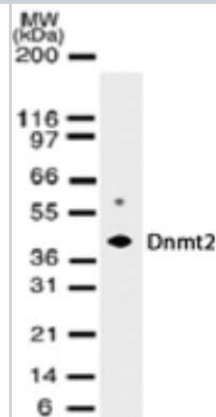
Product Description	
Description	Novus Biologicals Mouse Dnmt2 Antibody (102B1259.2) - BSA Free (NB200-587) is a monoclonal antibody validated for use in WB and Flow. Anti-Dnmt2 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	1787
Gene Symbol	TRDMT1
Species	Human, Mouse, Zebrafish
Reactivity Notes	Zebrafish reactivity reported in scientific literature (PMID: 17289917).
Specificity/Sensitivity	In mouse Dnmt2 transfected cell lysate, a 42 kDa band is observed.
Immunogen	This antibody was raised against synthetic peptides corresponding to mouse Dnmt2.

Product Application Details	
Applications	Western Blot, Flow Cytometry
Recommended Dilutions	Western Blot 1:100-1:2000, Flow Cytometry 1-5 ug/ml

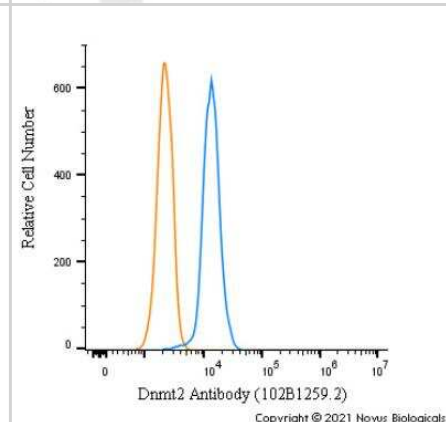


Images

Western Blot: Dnmt2 Antibody (102B1259.2) [NB200-587] - Analysis of Dnmt2 in transfected cell lysate using Dnmt2 monoclonal antibody at 2 ug/ml.



Flow Cytometry: Dnmt2 Antibody (102B1259.2) [NB200-587] - An intracellular stain was performed on Jurkat cells with Dnmt2 Antibody [102B1259.2] NB200-587 (blue) and a matched isotype control MAB002 (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 1.0 ug/mL for 30 minutes at room temperature, followed by Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, Dylight 550 (35503, Thermo Fisher).



Publications

Liu L, Chen Z, Zhang K et al. NSUN2 mediates distinct pathways to regulate enterovirus 71 replication *Virology* 2024-05-18 [PMID: 38768712]

Su ZY, Zhang C, Lee JH et al. Requirement and Epigenetics Reprogramming of Nrf2 in Suppression of Tumor Promoter TPA-Induced Mouse Skin Cell Transformation by Sulforaphane. *Cancer Prev Res (Phila)*. 2014-03-01 [PMID: 24441674] (WB, Mouse)

Details:

JB6 P+ mouse epidermal cells, Fig 6.

Rai K, Chidester S, Zavala CV et al. Dnmt2 functions in the cytoplasm to promote liver, brain, and retina development in zebrafish. *Genes Dev*. 2007-02-01 [PMID: 17289917] (WB, Zebrafish)

Details:

WB (zebrafish embryos), Fig. 2.



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Products Related to NB200-587

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]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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