

# Product Datasheet

## Ethenoadenosine Antibody (1G4) - Azide and BSA Free NBP2-80727

Unit Size: 0.1 ml

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

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**NBP2-80727**

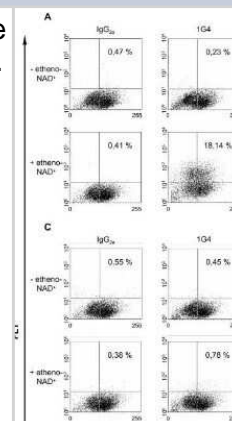
Ethenoadenosine Antibody (1G4) - Azide and BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1G4
Preservative	No Preservative
Isotype	IgG2 Lambda
Purity	Protein G purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Mouse Ethenoadenosine Antibody (1G4) - Azide and BSA Free (NB600-442) is a monoclonal antibody validated for use in WB, ELISA, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	All Species
Immunogen	Ethenoadenosine
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1:800, Flow Cytometry 1:10-1:1000. Use reported in scientific literature (PMID 9774627), ELISA 1:100-1:2000, Immunocytochemistry/Immunofluorescence 1:50-1:100, Immunoprecipitation 1:10-1:500, CyTOF-ready
Application Notes	This antibody is CyTOF ready.

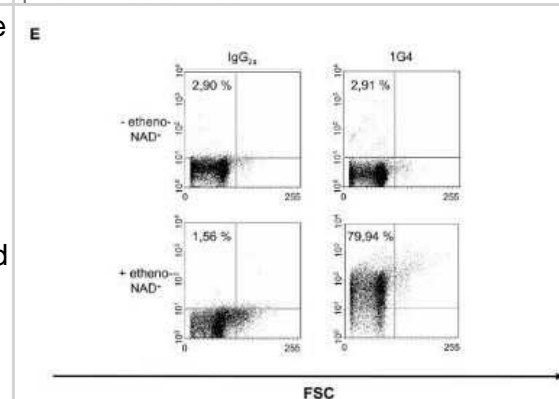


## Images

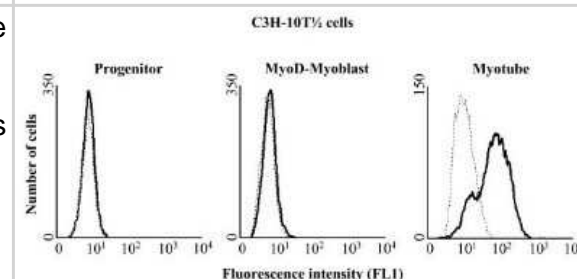
Flow Cytometry: Ethenoadenosine Antibody (1G4) - Azide and BSA Free [NBP2-80727] - Detection of ADP-ribosylated proteins by flow cytometry. C-33A cells ( $1 \times 10^7$ /ml), transiently transfected with a Flag-tagged chicken ART4 containing plasmid, were incubated at 37C in the presence or absence of 200  $\mu$ M etheno-NAD<sup>+</sup> for 30 min. After washing, cells were stained with an etheno-adenosine specific antibody (1G4). Image collected and cropped by CiteAb from the following publication (<https://bmcmolbiol.biomedcentral.com/articles/10.1186/1471-2199-9-86>), licensed under a CC-BY license. Image from the standard format of this antibody.



Flow Cytometry: Ethenoadenosine Antibody (1G4) - Azide and BSA Free [NBP2-80727] - Chicken erythrocytes (1% v/v), isolated by density gradient centrifugation, were transiently transfected with a Flag-tagged chicken ART4 containing plasmid or the empty plasmid (pSecTag B), and incubated at 37C in the presence or absence of 200  $\mu$ M etheno-NAD<sup>+</sup> for 30 min. After washing, cells were stained with an etheno-adenosine specific antibody (1G4) or an anti-Flag antibody and the respective isotype control stained with the 1G4 antibody. Image collected and cropped by CiteAb from the following publication (<https://bmcmolbiol.biomedcentral.com/articles/10.1186/1471-2199-9-86>), licensed under a CC-BY license. Image from the standard format of this antibody.



Flow Cytometry: Ethenoadenosine Antibody (1G4) - Azide and BSA Free [NBP2-80727] - Etheno-ADP-ribosylation of cell-surface proteins on C3H-10T1/2 cells. C3H-10T 1/2 cells at different stages of differentiation (progenitors, MyoD-myoblasts, myotubes) were incubated for 30 minutes in the absence (dashed lines) or presence (solid lines) of 100  $\mu$ M etheno-NAD. Cells were then washed, incubated with the primary monoclonal antibody 1G4, stained with a FITC-conjugated goat-anti-mouse secondary antibody and subjected to FACS analysis. Data show one representative experiments out of three. Image collected and cropped by CiteAb from the following publication (<https://bmcmolbiol.biomedcentral.com/articles/10.1186/1471-2199-9-91>), licensed under a CC-BY license. Image from the standard format of this antibody.





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### **Products Related to NBP2-80727**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]

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### **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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