

Product Datasheet

iNOS Antibody (4E5) - Azide and BSA Free NBP2-80814

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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NBP2-80814

iNOS Antibody (4E5) - Azide and BSA Free

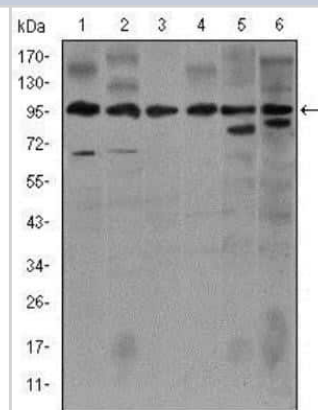
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4E5
Preservative	No Preservative
Isotype	IgG1
Purity	Ammonium sulfate precipitation
Buffer	PBS
Target Molecular Weight	131 kDa

Product Description	
Description	Novus Biologicals Mouse iNOS Antibody (4E5) - Azide and BSA Free (NBP2-22119) is a monoclonal antibody validated for use in IHC, WB, ELISA and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	4843
Gene Symbol	NOS2
Species	Human, Mouse
Immunogen	iNOS Antibody (4E5) was made to a purified recombinant fragment of human iNOS (C-terminus) expressed in E. coli. [UniProt# P35228]

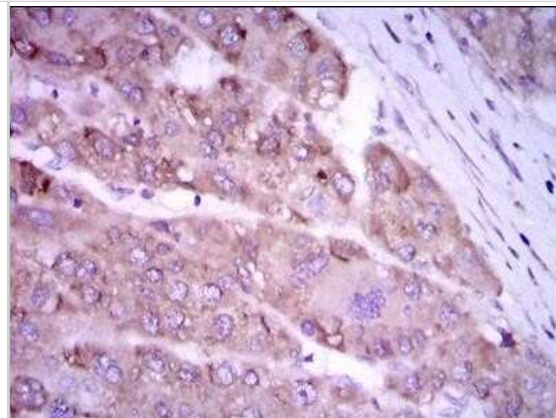
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Flow (Intracellular), Immunohistochemistry, CyTOF-ready
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunohistochemistry reported in scientific literature (PMID 29891729), Immunohistochemistry-Paraffin, Flow (Intracellular), CyTOF-ready
Application Notes	The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.

Images

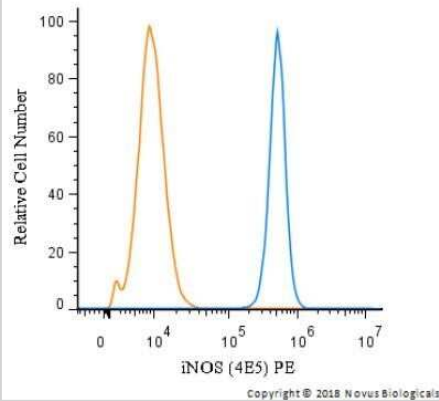
Western Blot: iNOS Antibody (4E5) - Azide and BSA Free [NBP2-80814] - Analysis using iNOS mouse mAb against Jurkat (1), Jurkat (2), A549 (3), HeLa (4), NIH3T3 (5) and MCF-7 (6) cell lysate. Image from the standard format of this antibody.



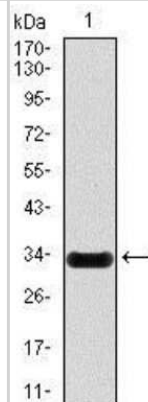
Immunohistochemistry-Paraffin: iNOS Antibody (4E5) - Azide and BSA Free [NBP2-80814] - Analysis of paraffin-embedded liver cancer tissues using iNOS mouse mAb with DAB staining. Image from the standard format of this antibody.



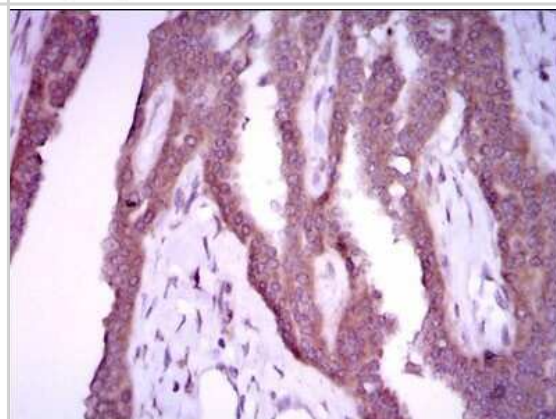
Flow Cytometry: iNOS Antibody (4E5) - Azide and BSA Free [NBP2-80814] - An intracellular stain was performed on A549 cells with NBP2-22119PE (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated with antibody at 2.5 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to phycoerythrin (PE).



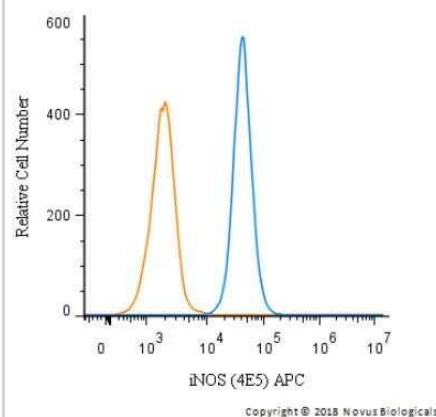
Western Blot: iNOS Antibody (4E5) - Azide and BSA Free [NBP2-80814] - Analysis using iNOS mAb against human iNOS (AA: 997-1058) recombinant protein. (Expected MW is 32.6 kDa) Image from the standard format of this antibody.



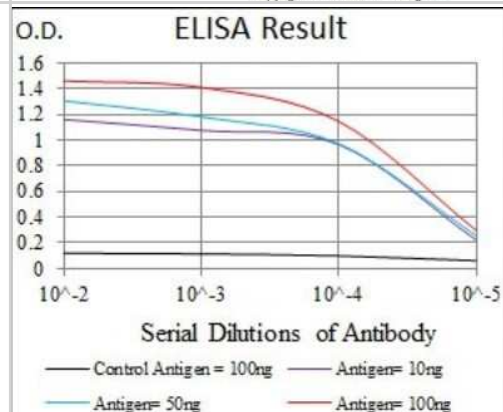
Immunohistochemistry: iNOS Antibody (4E5) - Azide and BSA Free [NBP2-80814] - Analysis of paraffin-embedded breast cancer tissues using iNOS mouse mAb with DAB staining. Image from the standard format of this antibody.



Flow Cytometry: iNOS Antibody (4E5) - Azide and BSA Free [NBP2-80814] - An intracellular stain was performed on A549 cells with NBP2-22119APC (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated with antibody at 1 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to allophycocyanin (APC).



ELISA: iNOS Antibody (4E5) - Azide and BSA Free [NBP2-80814] - Red: Control Antigen (100ng); Purple: Antigen (10ng); Green: Antigen (50ng); Blue: Antigen (100ng). Image from the standard format of this antibody.





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Products Related to NBP2-80814

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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