

Product Datasheet

Palladin Antibody (1E6) - Azide and BSA Free NBP2-80902

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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NBP2-80902

Palladin Antibody (1E6) - Azide and BSA Free

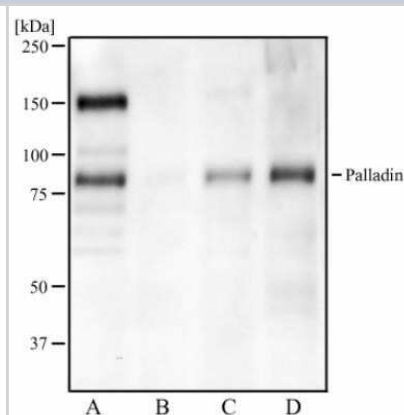
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1E6
Preservative	No Preservative
Isotype	IgG1
Purity	Protein G purified
Buffer	Tris-Glycine, 0.15 M NaCl
Target Molecular Weight	85 kDa

Product Description	
Host	Mouse
Gene ID	23022
Gene Symbol	PALLD
Species	Human, Mouse, Rat, Canine, Chicken
Reactivity Notes	Canine reactivity reported in scientific literature (PMID: 23451256).
Immunogen	Endogenous Palladin immunoprecipitated from chicken embryo fibroblasts.

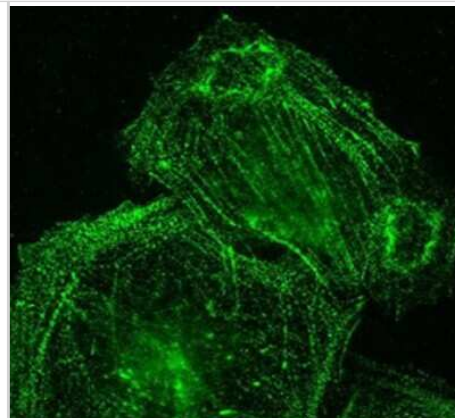
Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Knockdown Validated
Recommended Dilutions	Western Blot 1 ug/ml, Flow Cytometry 5 ug/ml, Immunohistochemistry 1:50-1:200, Immunocytochemistry/ Immunofluorescence 1:20-1:100, Immunoprecipitation 0.05 ml / 2 ml lysate, Immunohistochemistry-Paraffin 1:50-1:100, Knockdown Validated
Application Notes	In WB a band is seen at ~85 kDa. 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

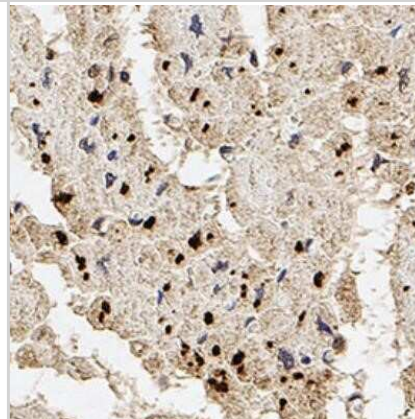
Western Blot: Palladin Antibody (1E6) - Azide and BSA Free [NBP2-80902] - Western blot analysis of HeLa (A), A431 (B), NIH3T3 (C), and PC-12 (D) cell line extracts using Palladin antibody at 1ug/ml. Image from the standard format of this antibody.



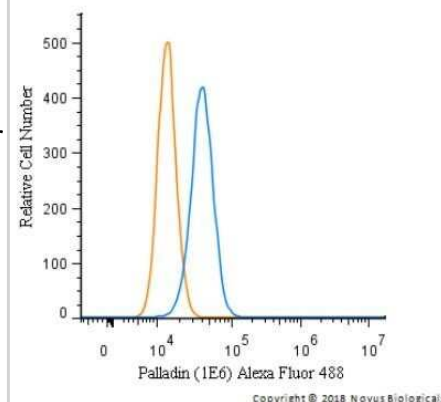
Immunocytochemistry/Immunofluorescence: Palladin Antibody (1E6) - Azide and BSA Free [NBP2-80902] - Immunofluorescence on a7r5 cells. Image from the standard format of this antibody.



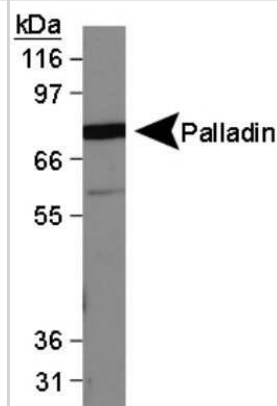
Immunohistochemistry-Paraffin: Palladin Antibody (1E6) - Azide and BSA Free [NBP2-80902] - Palladin was detected in immersion fixed paraffin-embedded sections of human heart using Mouse Anti-Human Palladin (1E6) Monoclonal Antibody (Catalog # NBP1-25959) at 1:100 for 1 hour at room temperature followed by incubation with the Anti-Mouse IgG VisU



Flow Cytometry: Palladin Antibody (1E6) - Azide and BSA Free [NBP2-80902] - An intracellular stain was performed on HeLa cells with Palladin Antibody [1E6] NBP1-25959AF488 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 5 ug/mL for 30 minutes at room temperature. Both antibodies were directly conjugated to Alexa Fluor 488.



Western Blot: Palladin Antibody (1E6) - Azide and BSA Free [NBP2-80902] - MDA-MB-231 lysate. Image from the standard format of this antibody.



Knockdown Validated: Palladin Antibody (1E6) - Azide and BSA Free [NBP2-80902] - Western blots analysis of C2C12 cells labeled with a monoclonal antibody against 90-kDa palladin or a polyclonal antibody against 140- and 200-kDa palladin, MyHC, myogenin, and MLC. The blots clearly show the decrease in palladin expression concomitant with the elevation of differentiation markers. Image collected and cropped by CiteAb from the following publication (<https://dx.plos.org/10.1371/journal.pone.0124762>) licensed under a CC-BY license. Image from the standard format of this antibody.



Knockdown Validated: Palladin Antibody (1E6) - Azide and BSA Free [NBP2-80902] - C2C12 cells were transfected with shRNA targeting palladin or nontargeting shRNA as a control. Stable transfectants were submitted to a differentiation medium and followed for 5 days in culture (D0 to D5). Myogenic differentiation was assessed at the indicated time points using RNA/protein analysis and immunofluorescence staining. Immunofluorescence images of stable transfectants labeled with palladin antibody (green) and F-actin (red). Blue is DAPI-stained nuclei. Scale bar is 10 μ m. Image collected and cropped by CiteAb from the following publication (<https://dx.plos.org/10.1371/journal.pone.0124762>) licensed under a CC-BY license. Image from the standard format of this antibody.





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Products Related to NBP2-80902

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)
NBP2-58731PEP	Palladin Recombinant Protein Antigen

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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