

# Product Datasheet

## Pyruvate Dehydrogenase Kinase 1/PDK1 Antibody (JA67-30) NBP2-67032

Unit Size: 100 ul

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

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**NBP2-67032****Pyruvate Dehydrogenase Kinase 1/PDK1 Antibody (JA67-30)**

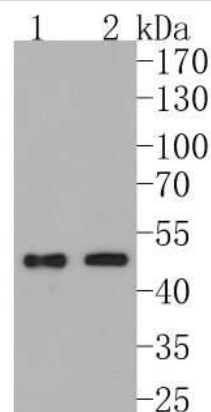
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JA67-30
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit Pyruvate Dehydrogenase Kinase 1/PDK1 Antibody (JA67-30) (NBP2-67032) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow, ICC/IF and IP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	5163
Gene Symbol	PDK1
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human Pyruvate Dehydrogenase Kinase 1/PDK1 aa 16-65 / 436. (SwissProt: Q15118 Human; SwissProt: Q8BFP9 Mouse; SwissProt: Q63065 Rat)

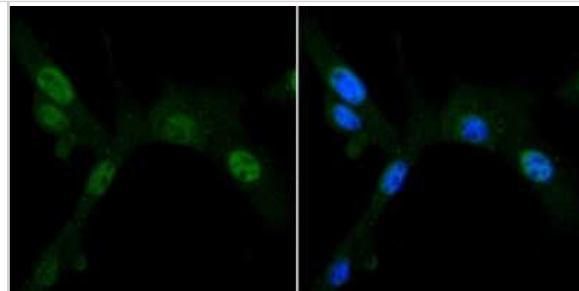
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

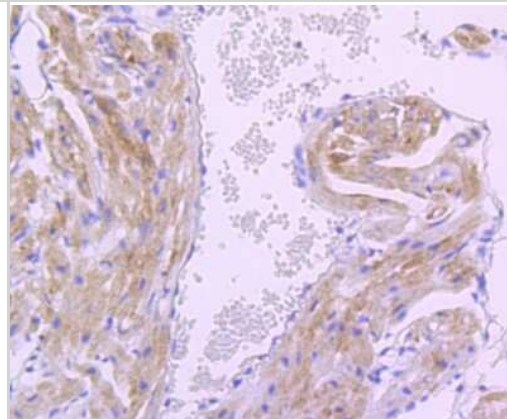
Western Blot: Pyruvate Dehydrogenase Kinase 1/PDK1 Antibody (JA67-30) [NBP2-67032] - Western blot analysis of Pyruvate Dehydrogenase Kinase 1/PDK1 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: rat heart tissue lysate Lane 2: mouse heart tissue lysate



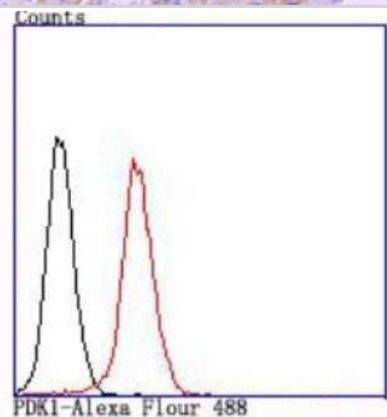
Immunocytochemistry/Immunofluorescence: Pyruvate Dehydrogenase Kinase 1/PDK1 Antibody (JA67-30) [NBP2-67032] - Staining PDK1 in NIH-3T3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



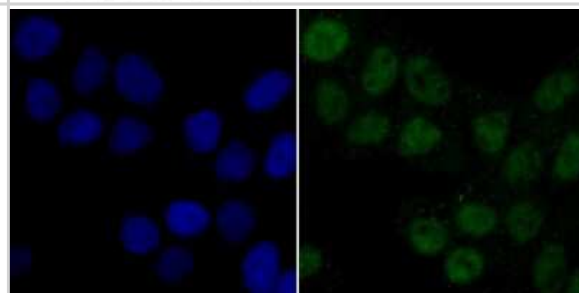
Immunohistochemistry-Paraffin: Pyruvate Dehydrogenase Kinase 1/PDK1 Antibody (JA67-30) [NBP2-67032] - Analysis of paraffin-embedded mouse heart tissue using anti-PDK1 antibody. Counter stained with hematoxylin.



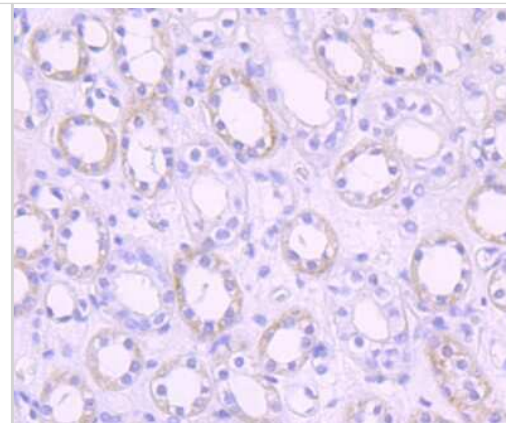
Flow Cytometry: Pyruvate Dehydrogenase Kinase 1/PDK1 Antibody (JA67-30) [NBP2-67032] - Analysis of NIH-3T3 cells with PDK1 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).



Immunocytochemistry/Immunofluorescence: Pyruvate Dehydrogenase Kinase 1/PDK1 Antibody (JA67-30) [NBP2-67032] - Staining PDK1 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemistry-Paraffin: Pyruvate Dehydrogenase Kinase 1/PDK1 Antibody (JA67-30) [NBP2-67032] - Analysis of paraffin-embedded human kidney tissue using anti-PDK1 antibody. Counter stained with hematoxylin.





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### **Products Related to NBP2-67032**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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