

# Product Datasheet

## PDK2 Antibody (JB66-93) NBP2-75611

Unit Size: 100 ul

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

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### Publications: 1

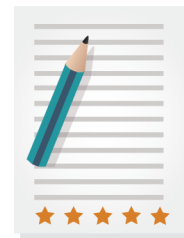
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**NBP2-75611**

PDK2 Antibody (JB66-93)

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	JB66-93
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	TBS (pH7.4), 0.05% BSA, 40% Glycerol
<b>Target Molecular Weight</b>	46 kDa

**Product Description**

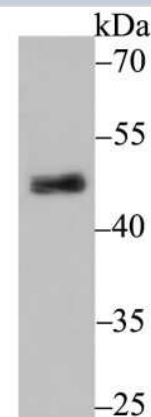
<b>Host</b>	Rabbit
<b>Gene Symbol</b>	PDK2
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Synthetic peptide within Human PDK2 aa 358-407 / 407. (SwissProt: Q15119 Human)

**Product Application Details**

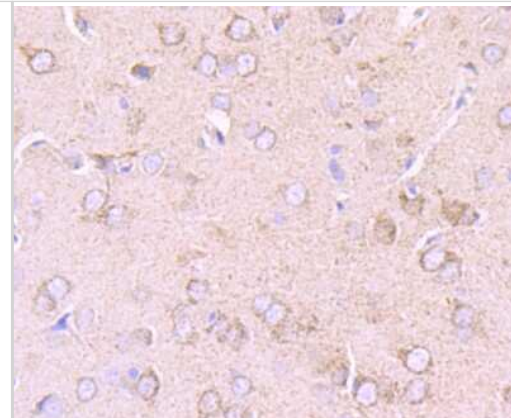
<b>Applications</b>	Western Blot, Flow Cytometry, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200

**Images**

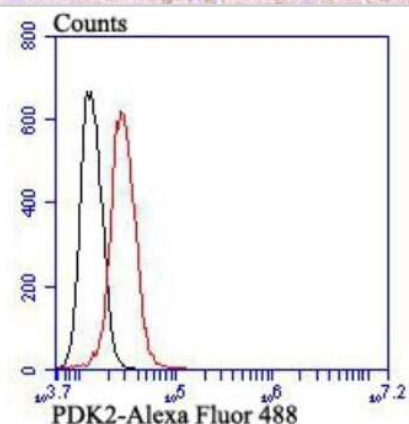
Western Blot: PDK2 Antibody (JB66-93) [NBP2-75611] - Analysis of PDK2 on rat heart tissue lysate using anti-PDK2 antibody at 1/500 dilution.



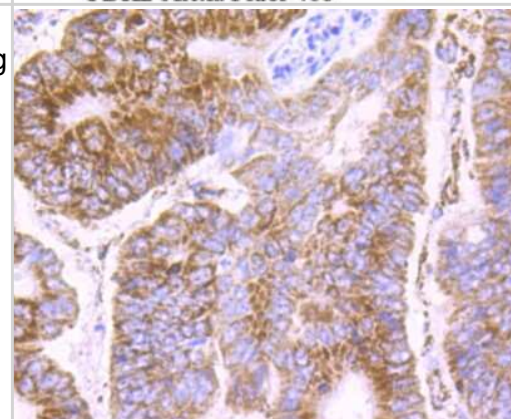
**Immunohistochemistry-Paraffin: PDK2 Antibody (JB66-93) [NBP2-75611]** - Analysis of paraffin-embedded rat brain tissue using anti-PDK2 antibody. Counter stained with hematoxylin.



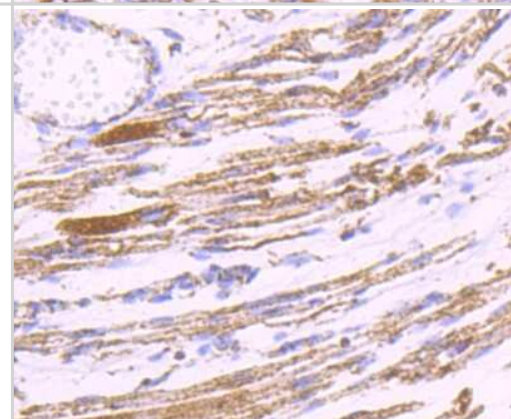
**Flow Cytometry: PDK2 Antibody (JB66-93) [NBP2-75611]** - Analysis of SH-SY-5Y cells with PDK2 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



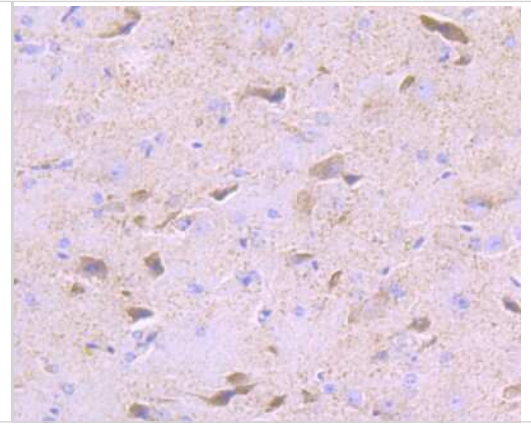
**Immunohistochemistry-Paraffin: PDK2 Antibody (JB66-93) [NBP2-75611]** - Analysis of paraffin-embedded human colon cancer tissue using anti-PDK2 antibody. Counter stained with hematoxylin.



**Immunohistochemistry-Paraffin: PDK2 Antibody (JB66-93) [NBP2-75611]** - Analysis of paraffin-embedded human fetal skeletal muscle tissue using anti-PDK2 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: PDK2 Antibody (JB66-93) [NBP2-75611] - Analysis of paraffin-embedded mouse cerebellum tissue using anti-PDK2 antibody. Counter stained with hematoxylin.



## Publications

Tiersma JF, Evers B, Bakker BM et al. Pyruvate Dehydrogenase Kinase Inhibition by Dichloroacetate in Melanoma Cells Unveils Metabolic Vulnerabilities International journal of molecular sciences [PMID: 35409102]





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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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