

# 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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**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**

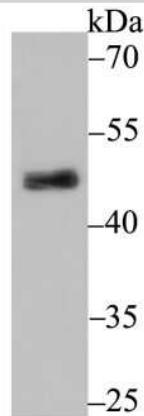
|                    |   |
|--------------------|---|
| <b>Host</b>        | Rabbit  |
| <b>Gene Symbol</b> | PDK2  |
| <b>Species</b>     | Human, Mouse, Rat   |
| <b>Immunogen</b>   | Synthetic peptide within Human PDK2 aa 358-407 / 407. (SwissProt: Q15119 Human) |

**Product Application Details**

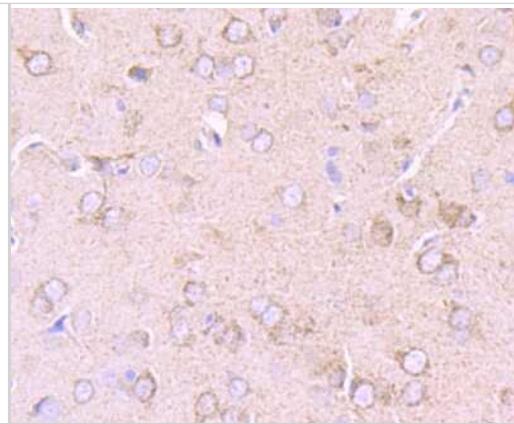
|                              |   |
|------------------------------|---|
| <b>Applications</b>          | Western Blot, Flow Cytometry, Immunohistochemistry-Paraffin, Immunoprecipitation                                    |
| <b>Recommended Dilutions</b> | Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100,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

**Images**

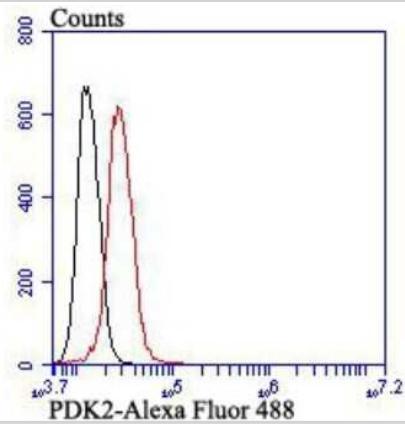
Western Blot: PDK2 Antibody (JB66-93) [NBP2-75611] - Analysis of PDK2 on rat heart tissue lysate using anti-PDK2 antibody at 1/500 dilution.



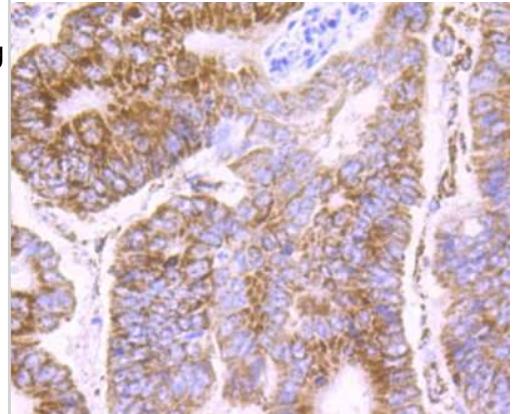
Immunohistochemistry-Paraffin: PDK2 Antibody (JB66-93) [NBP2-75611] - Analysis of paraffin-embedded rat brain tissue using anti-PDK2 antibody. Counter stained with hematoxylin.



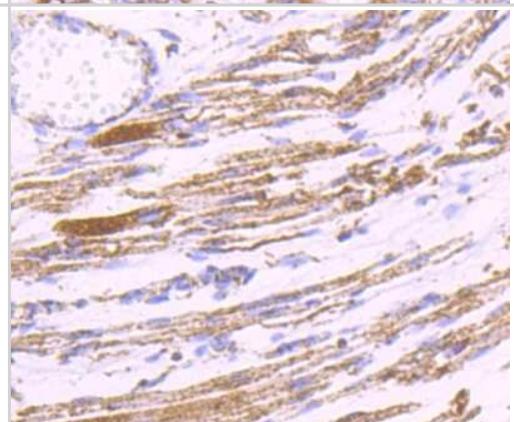
Flow Cytometry: PDK2 Antibody (JB66-93) [NBP2-75611] - Analysis of SH-SY-5Y cells with PDK2 antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti-rabbit IgG was used as the secondary antibody.



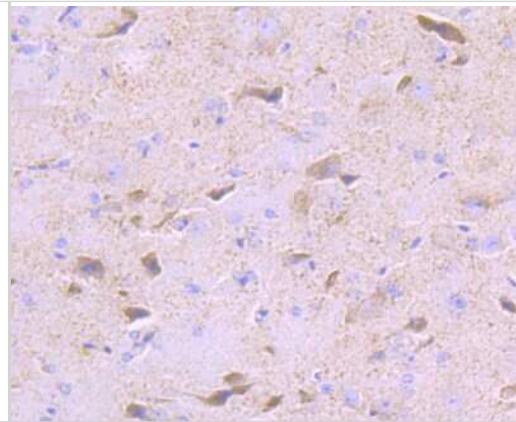
Immunohistochemistry-Paraffin: PDK2 Antibody (JB66-93) [NBP2-75611] - Analysis of paraffin-embedded human colon cancer tissue using anti-PDK2 antibody. Counter stained with hematoxylin.



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]



## Novus Biologicals USA

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

## Bio-Techne Canada

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

## Bio-Techne Ltd

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

## General Contact Information

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: [nb-technical@bio-techne.com](mailto:nb-technical@bio-techne.com)  
Orders: [nb-customerservice@bio-techne.com](mailto:nb-customerservice@bio-techne.com)  
General: [novus@novusbio.com](mailto:novus@novusbio.com)

## 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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