

# Product Datasheet

## Pyruvate Dehydrogenase Kinase 1/PDK1 [p Ser241] Antibody NB100-82137

Unit Size: 0.05 ml

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

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**NB100-82137****Pyruvate Dehydrogenase Kinase 1/PDK1 [p Ser241] Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.05 ml
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaC, 50% glycerol
<b>Target Molecular Weight</b>	63 kDa

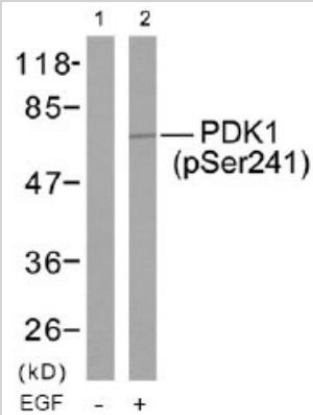
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	5163
<b>Gene Symbol</b>	PDK1
<b>Species</b>	Human, Mouse, Rat
<b>Specificity/Sensitivity</b>	The antibody detects endogenous level of PDK1 only when phosphorylated at serine 241.
<b>Immunogen</b>	The antiserum was produced against synthesized phosphopeptide derived from human PDK1 around the phosphorylation site of serine 241 (A-N-SP-F-V).

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-1:1000, Immunohistochemistry 1:50-1:100, Immunocytochemistry/Immunofluorescence 1:100-1:200, Immunohistochemistry-Paraffin 1:50-1:100

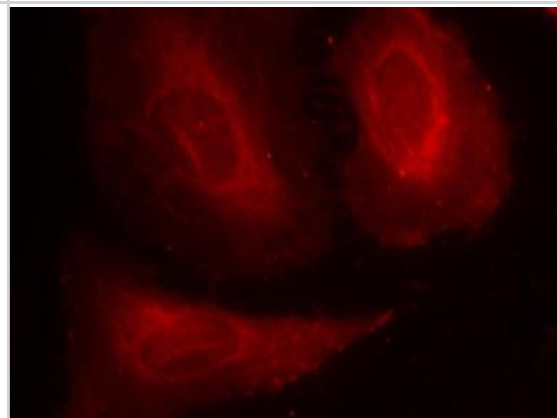


## Images

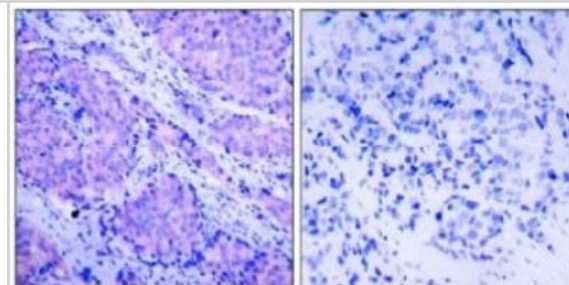
Western Blot: PDK-1 [p Ser241] Antibody [NB100-82137] - Analysis of extracts from MDA-MB-435 cells using PDK1 (phospho-Ser241) antibody NB100-82137.



Immunocytochemistry/Immunofluorescence: PDK-1 [p Ser241] Antibody [NB100-82137] - Staining of methanol-fixed HeLa cells.

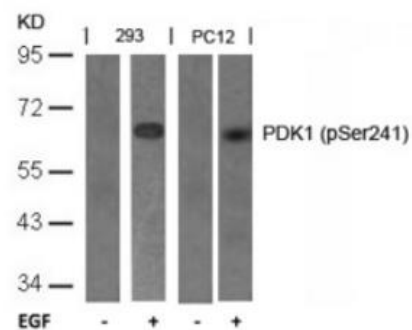


Immunohistochemistry-Paraffin: PDK-1 [p Ser241] Antibody [NB100-82137] - Analysis of paraffin- embedded human breast carcinoma tissue using PDK1 (phospho-Ser241) antibody NB100-82137.



P-Peptide - +

Western Blot: PDK-1 [p Ser241] Antibody [NB100-82137] - Analysis of extracts from 293 and PC12 cells untreated or treated with EGF using PDK1(Phospho-Ser241) Antibody.





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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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