

Product Datasheet

Pyruvate Dehydrogenase Kinase 1/PDK1 Antibody (4A11) - BSA Free NBP2-22171

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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NBP2-22171**Pyruvate Dehydrogenase Kinase 1/PDK1 Antibody (4A11) - BSA Free**

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4A11
Preservative	0.03% Sodium Azide
Isotype	IgG1
Purity	Unpurified
Buffer	Ascites
Target Molecular Weight	44 kDa

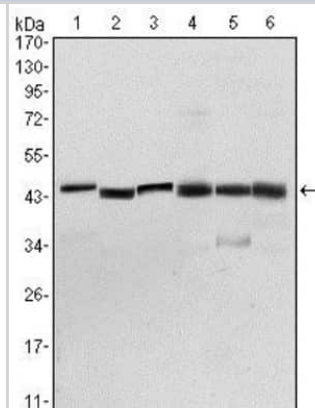
Product Description	
Host	Mouse
Gene ID	5163
Gene Symbol	PDK1
Species	Human, Rat, Monkey
Immunogen	Purified recombinant fragment of human Pyruvate Dehydrogenase Kinase 1/PDK1 expressed in E. Coli.

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:200-1:400, ELISA 1:10000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:200-1:1000, Immunohistochemistry-Paraffin 1:200-1:1000

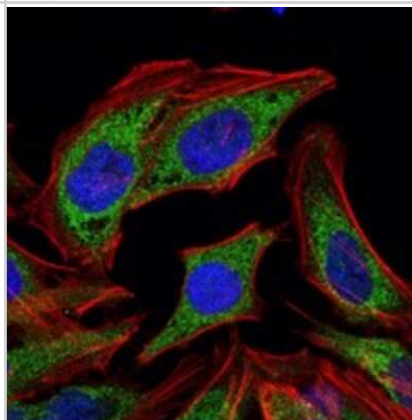


Images

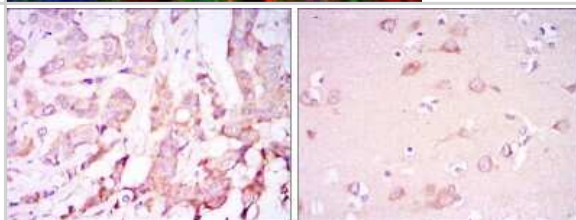
Western Blot: Pyruvate Dehydrogenase Kinase 1/PDK1 Antibody (4A11) [NBP2-22171] - Analysis using PDK1 mouse mAb against NIH/3T3 (1), Hela (2), Jurkat (3), HepG2 (4), PC-12 (5), and Cos7 (6) cell lysate.



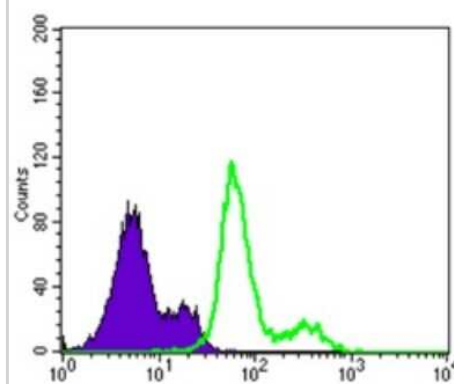
Immunocytochemistry/Immunofluorescence: Pyruvate Dehydrogenase Kinase 1/PDK1 Antibody (4A11) [NBP2-22171] - Immunofluorescence analysis of HELA cells using PDK1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Immunohistochemistry-Paraffin: Pyruvate Dehydrogenase Kinase 1/PDK1 Antibody (4A11) [NBP2-22171] - Analysis of breast cancer tissues (left) and brain tissues (right) using PDK1 mouse mAb with DAB staining.



Flow Cytometry: Pyruvate Dehydrogenase Kinase 1/PDK1 Antibody (4A11) [NBP2-22171] - Analysis of Lovo cells using PDK1 mouse mAb (green) and negative control (purple).



Publications

Yanes R, Zhang H, Shen Y et al. Metabolic reprogramming in memory CD4 T cell responses of old adults Clinical Immunology 2019-07-01 [PMID: 31279855] (WB, Human)



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Products Related to NBP2-22171

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)
NB100-2383PEP	Pyruvate Dehydrogenase Kinase 1/PDK1 Antibody Blocking Peptide

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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