

## Anti-PDK1 antibody [4A11] (STJ98315)

STJ98315

### GENERAL INFORMATION

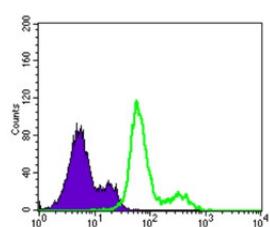
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-Pyruvate dehydrogenase kinase isozyme 1, mitochondrial is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry and ELISA research applications.
<b>Applications</b>	WB/IHC/IF/FC/ELISA
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Human/Rat/Monkey

### PRODUCT PROPERTIES

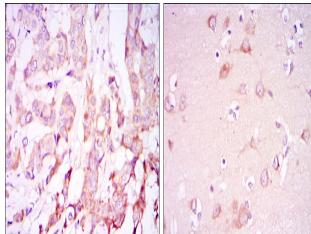
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	4A11
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution</b>	WB 1:500-1:2000
<b>Range</b>	IHC 1:200-1:1000 IF 1:200-1:1000 FC 1:200-1:400 ELISA 1:10000
<b>Formulation</b>	Liquid in PBS containing 0.03% Sodium Azide, 0.5% BSA, 50% Glycerol.
<b>Isotype</b>	IgG1
<b>Storage</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
<b>Instruction</b>	

### TARGET INFORMATION

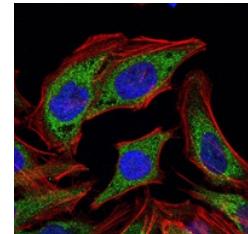
<b>Gene ID</b>	5163
<b>Gene Symbol</b>	PDK1
<b>Uniprot ID</b>	PDK1_HUMAN
<b>Immunogen</b>	Purified recombinant fragment of human PDK1 expressed in E. Coli.
<b>Immunogen Region</b>	
<b>Specificity</b>	PDK1 Monoclonal Antibody detects endogenous levels of PDK1 protein.
<b>Immunogen Sequence</b>	



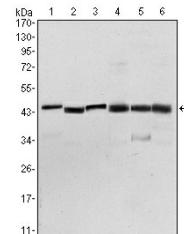
Flow cytometric analysis of Lovo cells using PDK1 monoclonal antibody (green) and negative control (purple).



Immunohistochemistry analysis of paraffin-embedded breast cancer tissues (left) and brain tissues (right) with DAB staining using PDK1 monoclonal antibody.



Immunofluorescence analysis of HEK293T cells using PDK1 monoclonal antibody (green). Blue: DAPI fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Western blot analysis using PDK1 monoclonal antibody against NIH3T3 (1) , HeLa (2) , Jurkat (3) , HepG2 (4) , PC-12 (5) , and Cos7 (6) cell lysate.