

Anti-PDK1 antibody [4A11] (STJ98315)

STJ98315

GENERAL INFORMATION

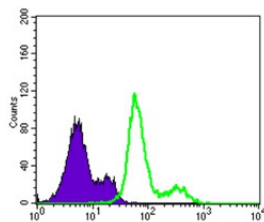
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Pyruvate Dehydrogenase is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Flow Cytometry and ELISA research applications.
Applications	WB, IHC-P, IF, ICC, FC, ELISA
Host/Source	Mouse
Reactivity	Human, Rat, Monkey

PRODUCT PROPERTIES

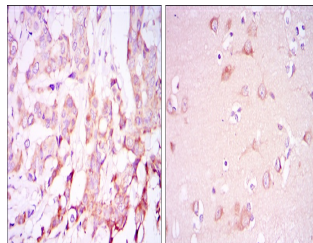
Clonality	Monoclonal
Clone ID	4A11
Concentration	
Conjugation	Unconjugated
Purification	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
Dilution Range	WB 1:500-1:2000 IHC 1:200-1:1000 IF 1:200-1:1000 FC 1:200-1:400 ELISA 1:10000
Formulation	Ascitic fluid, 0.03% Sodium Azide, 0.5% BSA, 50% Glycerol.
Isotype	IgG1
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

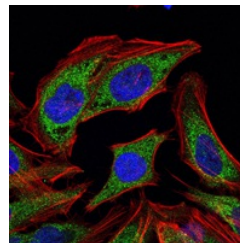
Gene ID	5163
Gene Symbol	PDK1
Uniprot ID	PDK1_HUMAN
Immunogen	Purified recombinant fragment of human PDK1 expressed in E.coli.
Immunogen Region	
Specificity	PDK1 monoclonal antibody (Pyruvate Dehydrogenase) binds to endogenous Pyruvate Dehydrogenase.
Immunogen Sequence	



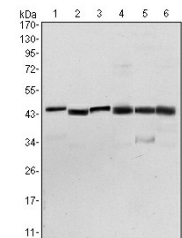
Flow cytometric analysis of Lovo cells using PDK1 monoclonal antibody (green) and negative control (purple).



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



Immunofluorescence analysis of HELA cells using PDK1 monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Western blot analysis using PDK1 monoclonal antibody against NIH/3T3 (1), HeLa (2), Jurkat (3), HepG2 (4), PC-12 (5), and Cos7 (6) cell lysate.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
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