

Datasheet for ABIN1327025
anti-PDK4 antibody (AA 1-411)



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1 Image

Overview

Quantity:	100 µg
Target:	PDK4
Binding Specificity:	AA 1-411
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PDK4 antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a full-length recombinant PDK4.
Immunogen:	PDK4 (AAH40239.1, 1 a.a. ~ 411 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MKAARFVLRS AGSLNGAGLV PREVEHFSRY SPSPLSMKQL LDFGSENACE RTSFAFLRQE LPVRLANILK EIDILPTQLV NTSSVQLVKS WYIQSLMDLV EFHEKSPDDQ KALSDFVDTL IKVRNRHHNV VPTMAQGIIE YKDACTVDPV TNQNLQYFLD RFYMNRISTR MLMNQHILIF SDSQTGNPSH IGSIDPNCDV VAVVQDAFEC SRMLCDQYYL SSPELKLTVQV NGKFPDQPIH IVYVPSHLHH MLFELFKNAM RATVEHQENQ PSLTPIEVIV VLGKEDLTIK ISDRGGGVPL RIIDRLFSYT YSTAPTPVMD NSRNAPLAGF GYGLPISRLY AKYFQGDLNL YLSGSGYTDA IILKALSSE SIEKLVPVFNK SAFKHYQMSS EADDWCIPSR EPKNLAKEVA M
Clone:	1A9

Product Details

Isotype:	IgG2b
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

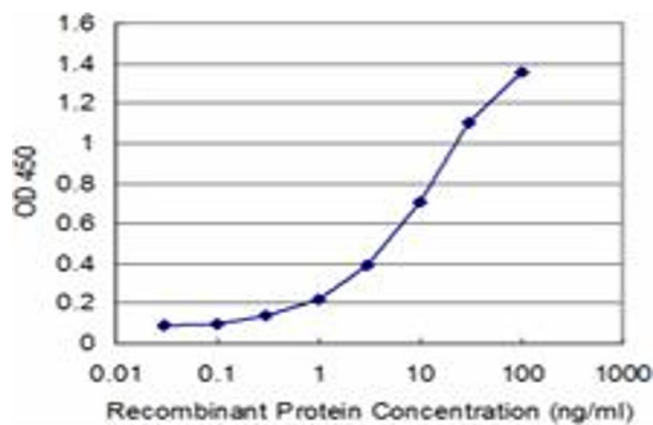
Target:	PDK4
Alternative Name:	PDK4 (PDK4 Products)
Background:	Full Gene Name: pyruvate dehydrogenase kinase, isozyme 4 Synonyms: FLJ40832
Gene ID:	5166
Pathways:	PI3K-Akt Signaling , Hedgehog Signaling , Carbohydrate Homeostasis , Regulation of Carbohydrate Metabolic Process , Warburg Effect

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



ELISA

Image 1. Detection limit for recombinant GST tagged PDK4 is approximately 0.3ng/ml as a capture antibody.