

Datasheet for ABIN1327237
anti-PDPK1 antibody (AA 253-348)



[Go to Product page](#)

2 Images

Overview

Quantity:	100 µg
Target:	PDPK1
Binding Specificity:	AA 253-348
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PDPK1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Mouse monoclonal antibody raised against a partial recombinant PDPK2.
Immunogen:	PDPK2 (XP_496112, 253 a.a. ~ 348 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	PPFRAGNEYL IFQKIIKLEY DFPEKFFPKA RDLVEKLLVL DATKRLGCEE MEGYGPLKAH PFFESVTWEN LHQQTPPKLT AYLPAISED EDCYGN
Clone:	1G3
Isotype:	IgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

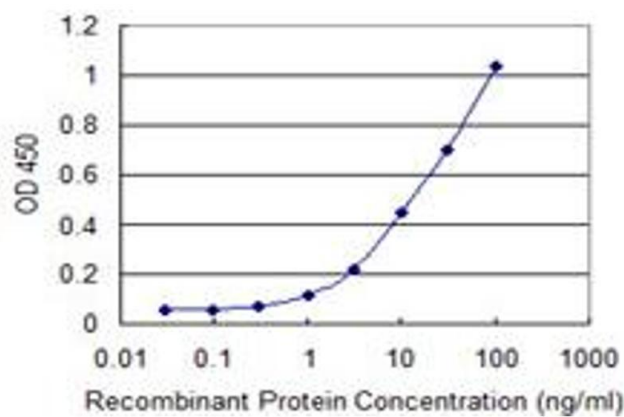
Target:	PDPK1
Alternative Name:	PDPK2 (PDPK1 Products)
Background:	Full Gene Name: 3-phosphoinositide dependent protein kinase 1 pseudogene Synonyms:
Gene ID:	653650
NCBI Accession:	XM_496112
Pathways:	PI3K-Akt Signaling , TCR Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Cell-Cell Junction Organization , Regulation of Cell Size , Skeletal Muscle Fiber Development , CXCR4-mediated Signaling Events , Signaling Events mediated by VEGFR1 and VEGFR2 , VEGFR1 Specific Signals

Application Details

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

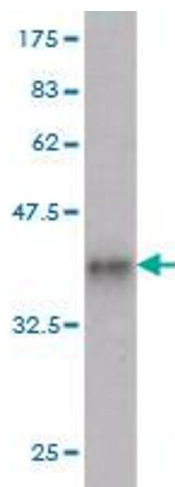
Handling

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 PDPK2 is 0.3 ng/ml as a capture antibody.



Western Blotting

Image 2. Western Blot detection against Immunogen (36.3 KDa) .