

Mouse Monoclonal Antibody to PDPK1

Catalogue Number	sAP-1146
Target Molecule	Name: PDPK1 Aliases: PDK1; PDPK2; PDPK2P; PRO0461 MW: 63.2kDa Entrez Gene ID: 5170
Description	Phosphoinositide-dependent kinase 1 (PDPK1, PDK1) is a serine/threonine protein kinase integral to the function of the PI 3-K/Akt signaling pathway. PDK1 and mTORC2 both phosphorylate and activate PKB/Akt, ensuring a cellular response to stimuli such as growth factors and insulin signaling. Akt is the main effector of PDK1.;
Immunogen	Purified recombinant fragment of human PDPK1 (AA: 457-556 expressed in E. Coli.
Recitative Species	Human;
Clone	MM3H3D9;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: ; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Asian Pac J Cancer Prev. 2012;13(8):4147-51. ; 2.Mol Cancer Res. 2010 Mar;8(3):421-32.;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**