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| <b>Cat. No:</b>          | ABP-0477   |
| <b>Conjugate:</b>        | Unconjugated   |
| <b>Size:</b>             | 100 ug   |
| <b>Clone:</b>            | Poly   |
| <b>Concentration:</b>    | 1mg/ml   |
| <b>Host:</b>             | Rb   |
| <b>Isotype:</b>          | IgG  |
| <b>Immunogen:</b>        | A phospho specific peptide corresponding to residues surrounding S241 of human PDK1  |
| <b>Reactivity:</b>       | Hu, Ms, Rt   |
| <b>Applications:</b>     | Western Blot: 1:1000   |
| <b>Molecular Weight:</b> | 63kDa  |
| <b>Purification:</b>     | Affinity purified  |
| <b>Background:</b>       | Phosphoinositide-dependent kinase 1 (PDK1, 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. |
| <b>Form:</b>             | liquid   |
| <b>Buffer:</b>           | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.  |
| <b>Storage:</b>          | Store at -20°C. Avoid freeze / thaw cycles   |

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