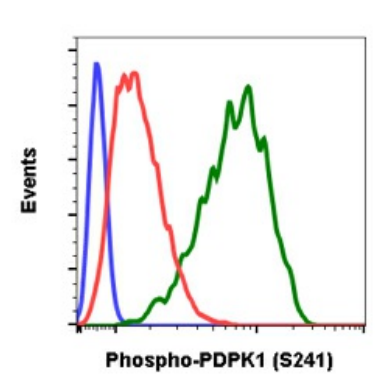
RecomAb™

# PDPK1 recombinant monoclonal antibody, clone PDK1S241-F7

Catalog # RAB02834 Size 200 uL

## Applications




### Flow Cytometry

Flow cytometric analysis of 293T cells secondary antibody only negative control (blue) or treated with K252 (red) or with pervanadate (green) using Phospho-PDPK1 (Ser241) antibody PDPK1S241-F7 at 0.1 ug/mL.

## Specification

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|---|---|
| **Product Description** | Rabbit recombinant monoclonal antibody raised against human PDPK1. |
| **Antibody Species** | Rabbit |
| **Immunogen** | A synthetic phospho-peptide corresponding to residues surrounding Ser241 of human phospho PDK 1 |
| **Reactivity** | Human |
| **Form** | Liquid |
| **Purification** | Protein A+G |
| **Isotype** | Rabbit IgG1k |
| **Recommend Usage** | Flow Cytometry<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | 1X PBS, 0.02% Sodium azide, 50% Glycerol, 0.1% BSA |

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|---|---|
| **Storage Instruction** | Store at -20°C.<br>Aliquot to avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

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## Gene Info — PDPK1

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|---|---|
| **Entrez GeneID** | 5170 |
| **Protein Accession#** | O15530 |
| **Gene Name** | PDPK1 |
| **Gene Alias** | MGC20087, MGC35290, PDK1, PRO0461 |
| **Gene Description** | 3-phosphoinositide dependent protein kinase-1 |
| **Omim ID** | 605213 |
| **Gene Ontology** | Hyperlink |
| **Other Designations** | PkB kinase like gene 1\|PkB-like 1\|protein kinase |

## Pathway

- Endometrial cancer
- Focal adhesion
- Insulin signaling pathway
- mTOR signaling pathway
- Non-small cell lung cancer
- PPAR signaling pathway

- Prostate cancer

## Disease

- Adenocarcinoma
- Thyroid Neoplasms