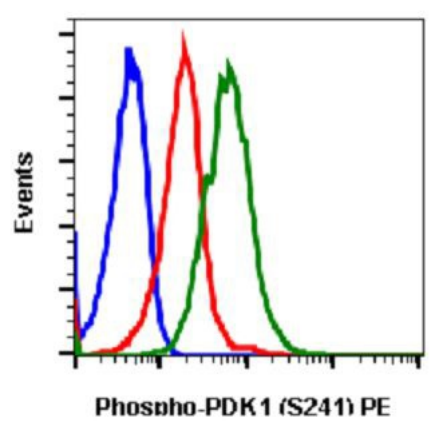
PDPK1 (phospho S241) monoclonal antibody, clone F7 (PE)

Catalog # MAB19005 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of 293T cells unstained K252a treated cells (blue) or stained treated with K252a (red) or with pervanadate (green) using PDPK1 (phospho S241) monoclonal antibody (PE).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic phosphopeptide of human PDPK1.
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding S241 of human PDPK1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Conjugation	PE
Purification	Protein A/G Purification
Isotype	IgG1k
Recommend Usage	Flow Cytometry (5 uL/10^6 cells or 0.05 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4 (0.2% BSA, 0.09% sodium azide).

Storage Instruction	Store at 2-8°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Gene Info — PDPK1

Entrez GeneID	5170
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