

PKC θ (Phospho-Ser676) Conjugated Antibody

Catalog No: #C11297



Package Size: #C11297-AF350 100ul #C11297-AF405 100ul #C11297-AF488 100ul
 #C11297-AF555 100ul #C11297-AF594 100ul #C11297-AF647 100ul
 #C11297-AF680 100ul #C11297-AF750 100ul #C11297-Biotin 100ul

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Description

| | |
|-----------------------|--|
| Product Name | PKC θ (Phospho-Ser676) Conjugated Antibody |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Species Reactivity | Hu Ms Rt |
| Specificity | The antibody detects endogenous level of PKC θ only when phosphorylated at serine 676. |
| Immunogen Description | Peptide sequence around phosphorylation site of serine 676 (R-L-S(p)-F-A) derived from Human PKC θ . |
| Conjugates | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750 |
| Other Names | KPCT;PKC-theta; PKCQ;PRKCQ;PRKCT |
| Accession No. | Swiss-Prot#:Q04759NCBI Gene ID:5588NCBI mRNA#:NM_006257.2 NCBI Protein#: NP_006248.1 |
| Uniprot | Q04759 |
| GeneID | 5588; |
| Excitation Emission | AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm |
| Calculated MW | 80 |
| Formulation | 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide |
| Storage | Store at 4°C in dark for 6 months |

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Product Description

Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

Background

This is a calcium-independent, phospholipid-dependent, serine- and threonine-specific enzyme. Essential for T-cell receptor (TCR)-mediated T-cell activation, but is dispensable during TCR-dependent thymocyte development. Links the TCR signaling complex to the activation of NF-kappa-B in mature T lymphocytes. Required for interleukin-2 (IL2) production.

Note: This product is for in vitro research use only