

PLC- $\gamma$ 2 (phospho-Tyr1217) Conjugated Antibody

Catalog No: #C11524



Package Size: #C11524-AF350 100ul #C11524-AF405 100ul #C11524-AF488 100ul  
 #C11524-AF555 100ul #C11524-AF594 100ul #C11524-AF647 100ul  
 #C11524-AF680 100ul #C11524-AF750 100ul #C11524-Biotin 100ul

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## Description

Product Name	PLC- $\gamma$ 2 (phospho-Tyr1217) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of PLC- $\gamma$ 2 only when phosphorylated at tyrosine 1217.
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 1217 (F-L-Y(p)-D-T) derived from Human PLC $\gamma$ 2.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	PLC-IV; PLC- $\gamma$ 2; Phospholipase C- $\gamma$ 2
Accession No.	Swiss-Prot#: P16885 NCBI Gene ID: 5336 NCBI mRNA#: NM_002661.2 NCBI Protein#: NP_002652.2
Uniprot	P16885
GeneID	5336;
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	150
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

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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

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The production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3) is mediated by activated phosphatidylinositol-specific phospholipase C enzymes. It is a crucial enzyme in transmembrane signaling.

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Note: This product is for in vitro research use only