

## Immunotag™ Phospho-PLCG2 (Tyr753) Antibody

Antibody Specification	
Catalog No.	ITA0963
Product Description	Immunotag™ Phospho-PLCG2 (Tyr753) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-PLCG2 (Tyr753)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB 1:500-1:2000 IHC 1:50-1:200, IF/ICC 1:100-1:500
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human PLCG2 around the phosphorylation site of Tyrosine 753
Specificity	Phospho-PLCG2 (Tyr753) Antibody detects endogenous levels of PLCG2 only when phosphorylated at Tyrosine 753
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	PLCG2
Accession No.	P16885

## Antibody Specification

Alternate Names	1 phosphatidylinositol 4 5 bisphosphate phosphodiesterase gamma 2; 1-phosphatidylinositol-4; 5-bisphosphate phosphodiesterase gamma-2; EC 3.1.4.11; Phosphoinositide phospholipase C; Phosphoinositide phospholipase C-gamma-2; Phospholipase C gamma 2; Phospholipase C, gamma 2 (phosphatidylinositol specific); Phospholipase C-gamma-2; Phospholipase C-IV; PLC 2; PLC gamma 2; PLC IV; PLC-gamma-2; PLC-IV; Plcg2; PLCG2_HUMAN;
Description	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.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	150kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.