

Anti-PLC γ 2 Rabbit pAb

WL02220

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-PLC γ 2 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IF	1:200
Cellular localization	Membrane	
Pack size	50/100/200/500/1000 μ l	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μ g/ml	
	BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

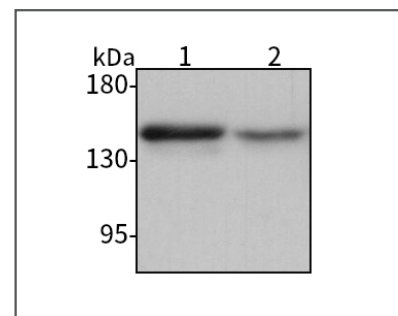
Background	Phosphoinositide-specific phospholipase C (PLC) plays a critical role in the initiation of receptor mediated signal transduction through the generation of the two second messengers, inositol 1,4,5-triphosphate and diacylglycerol from phosphatidylinositol 4,5-bisphosphate. PLC γ 2 associates with several tyrosine-phosphorylated proteins (Syk, SLP-76, Lyn, linker for activation of T cells (LAT) and the FcR chain), which bind to its C-terminal SH2 domain. The C-terminal SH2 domain is involved in the regulation of PLC γ 2. In addition, Btk can induce PLC γ 2 tyrosine phosphorylation and initiate calcium mobilization in CD72-stimulated B lymphocytes.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of PLC γ 2.
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

Anti-PLC γ 2 Rabbit pAb

WL02220

For Research Use Only. Not For Use In Diagnostic Procedures

Product Images

Western blot-Anti-PLC γ 2 pAb

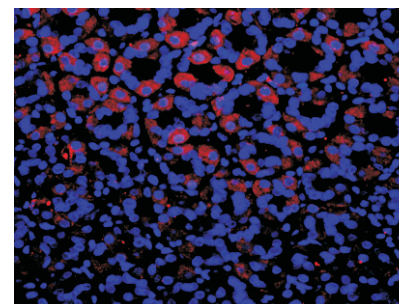
Lane 1: Human Raji cell lysate

Lane 2: Human THP-1 cell lysate

All lanes: Anti-PLC γ 2 at 1:1000 dilutionLysates/proteins at 20-50 μ g per lane.

Predicted band size: 148 kDa

Observed band size: 148 kDa

Immunofluorescence-Anti-PLC γ 2 pAbImmunofluorescence analysis of paraffin-embedded rat stomach using anti-PLC γ 2 Rabbit Antibody at 1:200 dilution.

Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0