

### 35-1166: Polyclonal Antibody to PLC Gamma2 (Phospho-Tyr753)

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB,IF
<b>Reactivity :</b>	Human,Mouse,Rat
<b>Gene :</b>	PLCG2
<b>Gene ID :</b>	5336
<b>Uniprot ID :</b>	P16885
<b>Format :</b>	Purified
<b>Alternative Name :</b>	PLC-IV, PLC-gamma2, Phospholipase C-gamma-2
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Peptide sequence around phosphorylation site of tyrosine 753 (S-L-Y(p)-D-V) derived from Human PLCg2.

#### 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.

#### Product Info

<b>Amount :</b>	50 µl / 100 µl
<b>Content :</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

#### Application Note

Predicted MW: 150kd, Western blotting: 1:500~1:1000, Immunofluorescence: 1:100~1:200

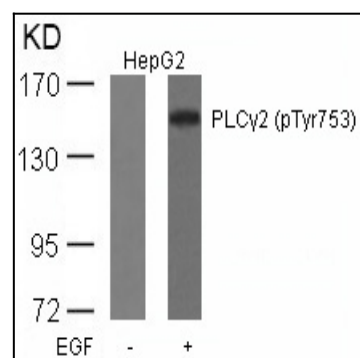


Figure 1: Western blot analysis of extracts from HepG2 cells untreated or treated with EGF using PLCg2(Phospho-Tyr753) Antibody 35-1166 .

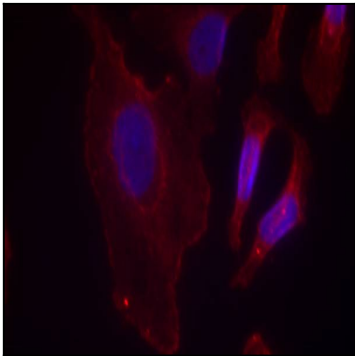


Figure 2: Immunofluorescence staining of methanol-fixed HeLa cells using PLCg2(Phospho-Tyr753) Antibody 35-1166 .