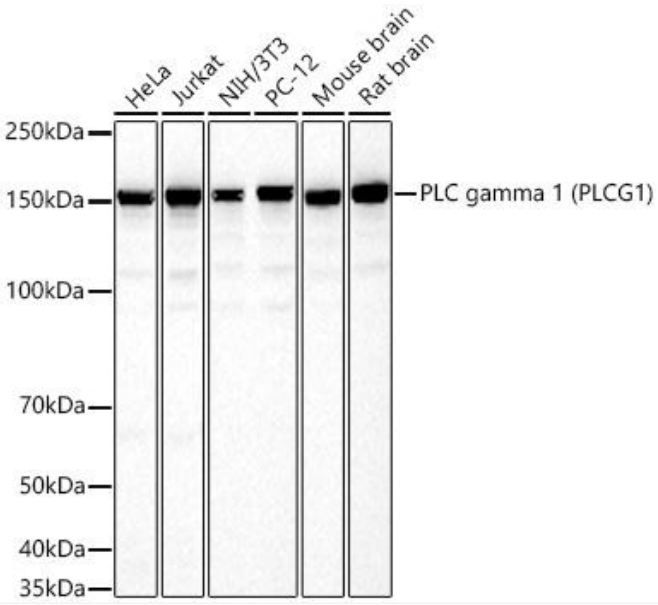
PLCγ1 Mouse mAb

Catalog No	YP-mAb-19590
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	
Immunogen	Recombinant protein (or fragment).This information is considered to be commercially sensitive .
Specificity	
Formulation	
Source	Monoclonal,Mouse,IgG
Purification	Affinity purification
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-15°C to -25°C/1 year(Do not lower than -25°C)
Synonyms	PLC1; NCKAP3; PLC-II; PLC148; PLCgamma1; PLC gamma 1 (PLCG1)
Observed Band	149 kDa
Calculated Molecular Weight	149 kDa
Cell Pathway	
Tissue Specificity	
Function	
Background	The protein encoded by this gene catalyzes the formation of inositol 1,4,5-trisphosphate and diacylglycerol from phosphatidylinositol 4,5-bisphosphate . This reaction uses calcium as a cofactor and plays an important role in the intracellular transduction of receptor-mediated tyrosine kinase activators . For example, when activated by SRC, the encoded protein causes the Ras guanine nucleotide exchange factor RasGRP1 to translocate to the Golgi, where it activates Ras . Also, this protein has been shown to be a major substrate for heparin-binding growth factor 1 (acidic fbroblast growth factor)-activated tyrosine kinase . Two transcript variants encoding diferent isoforms have been found for this gene .
matters needing attention	Avoid repeated freezing and thawing!

Usage suggestions This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of various lysates using PLC gamma 1 (PLCG1) Rabbit mAb at 1:2000 dilution incubated overnight at 4℃.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution .

Lysates/proteins: 25 μg per lane .

Blocking bufer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 45 s .