

**PLCD1 Recombinant Rabbit mAb**

Catalog: BS48840

Host: Rabbit

Reactivity: Human

**BackGround:**

This gene encodes a member of the phospholipase C family. Phospholipase C isozymes play critical roles in intracellular signal transduction by catalyzing the hydrolysis of phosphatidylinositol 4,5-bisphosphate (PIP<sub>2</sub>) into the second messengers diacylglycerol (DAG) and inositol triphosphate (IP<sub>3</sub>). The encoded protein functions as a tumor suppressor in several types of cancer, and mutations in this gene are a cause of hereditary leukonychia. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]

**Product:**

Store at -20 °C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.

**Molecular Weight:**

86 kDa

**Swiss-Prot:**

P51178

**Purification&Purity:**

Affinity Purification

**Applications:**

WB: 1:1000 IHC: 1:100 FC: 1:20-1:100 IP: 1:20

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

IgG

**DATA:****Note:**

For research use only, not for use in diagnostic procedure.

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