



## PKC alpha (DGR13484) Rabbit mAb

db13040 Package : 10μL 20μL 50μL 100μL

Product Name: PKC alpha (DGR13484) Rabbit mAb

Cat.No.: db13040

Synonyms: AAG6; PKCA; PRKACA; PKC-alpha

Application: WB, IHC-P, ICC/IF, FC, IP

Reactivity: Human, Mouse, Rat

Host species: Rabbit

**Background** Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be

activated by calcium and the second messenger diacylglycerol. PKC family members

phosphorylate a wide variety of protein targets and are known to be involved in diverse cellular

of tumor promoters. Each member of the PKC family has a specific expression profile and is

believed to play a distinct role in cells. The protein encoded by this gene is one of the PKC family

signaling pathways. PKC family members also serve as major receptors for phorbol esters, a class

members. This kinase has been reported to play roles in many different cellular processes, such as

cell adhesion, cell transformation, cell cycle checkpoint, and cell volume control. Knockout studies

in mice suggest that this kinase may be a fundamental regulator of cardiac contractility and Ca(2+)

handling in myocytes. [provided by RefSeq, Jul 2008]

**Immunogen** A synthetic peptide of human PKC alpha

Gene ID 5578

Swiss Prot P17252

**Synonyms** AAG6; PKCA; PRKACA; PKC-alpha

**Reactivity** Human, Mouse, Rat

**Application** WB, IHC-P, ICC/IF, FC, IP

Recommended dilution WB: 1:1000-1:5000

IHC-P: 1:100

ICC/IF: 1:100-1:200

FC: 1:20

IP: 1:20

Calculated MW 77 kDa

Observed MW 80 kDa





Host species Rabbit

**Clonality** Monoclonal

Clonality No. DGR13484

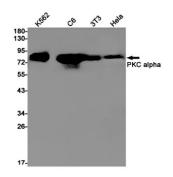
**Isotype** IgG

**Purity** Affinity Purification

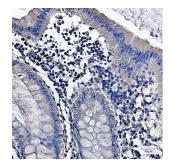
**Conjugation** Un-conjugated

Storage Stability 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.



Western blot detection of PKC alpha in K562,C6,3T3,Hela cell lysates using PKC alpha antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human colon cancer using db13040 antibody.