Recombinant DGRmAb®

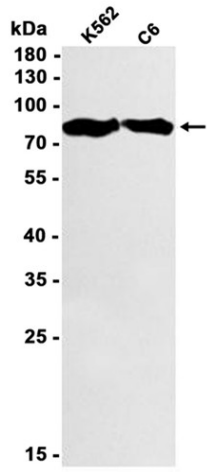
Phospho-PKC alpha (Thr638) (DGR12773) Rabbit mAb

db11122 **Package : 10μL 20μL 50μL 100μL**

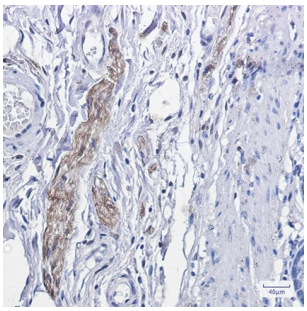
Product Name : Phospho-PKC alpha (Thr638) (DGR12773) Rabbit mAb
Cat.No.: db11122
Synonyms : AAG6; PKCA; PRKACA; PKC-alpha
Application : WB, IHC-P
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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 signaling pathways. PKC family members also serve as major receptors for phorbol esters, a class 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 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 phosphopeptide corresponding to residues surrounding Thr638 of human PKC alpha
Gene ID	5578
Swiss Prot	P17252
Synonyms	AAG6; PKCA; PRKACA; PKC-alpha
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P
Recommended dilution	WB: 1:2000-1:20000 IHC-P: 1:100-1:200
Calculated MW	77 kDa
Observed MW	80 kDa
Host species	Rabbit
Clonality	Monoclonal

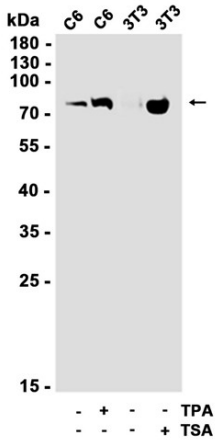
Clonality No.	DGR12773
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



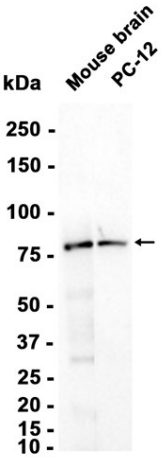
Western blot analysis of extracts from K562 and C6 cells using db11122 at 1:1000.



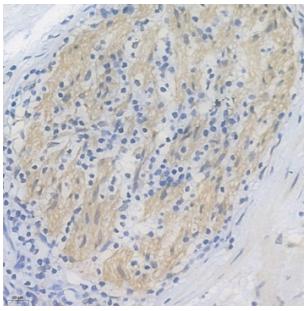
Immunohistochemical analysis of paraffin-embedded human colon cancer using db11122 antibody.



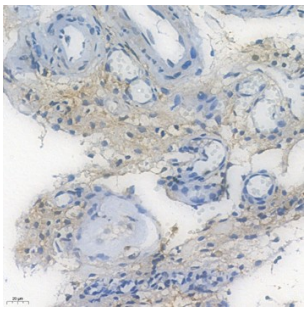
Western blot analysis of extracts from various cell lines, untreated ( ) or treated (+) as indicated with TPA or TSA, using db11122 at 1000.



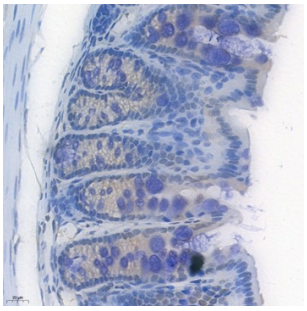
Western blot analysis of extracts from PC-12 cells and Mouse brain tissue using db11122 at 1:2000.



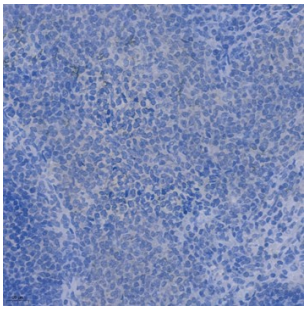
Immunohistochemical analysis of paraffin-embedded human gastric carcinoma tissue labeling Phospho-PKC alpha (Thr638) with db11122. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded human testicular carcinoma tissue labeling Phospho-PKC alpha (Thr638) with db11122. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue labeling Phospho-PKC alpha (Thr638) with db11122. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded rat spleen tissue labeling Phospho-PKC alpha (Thr638) with db11122. Counter stained with Hematoxylin.