

PKC epsilon Rabbit mAb

Catalog No: #49589



Package Size: #49589-1 50ul #49589-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)  
Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

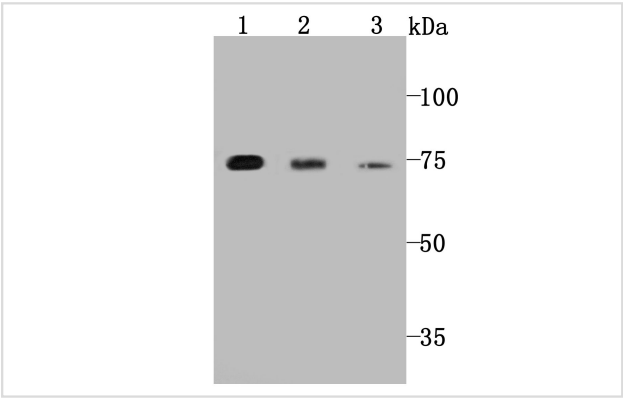
Description

Product Name	PKC epsilon Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JA38-21
Purification	ProA affinity purified
Applications	WB, ICC, IHC, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	KPCE_HUMAN antibody MGC125656 antibody MGC125657 antibody nPKC epsilon antibody nPKC-epsilon antibody PKCE antibody Pkcea antibody PRKCE antibody Protein kinase C epsilon antibody Protein kinase C epsilon type antibody
Accession No.	Swiss-Prot#:Q02156
Uniprot	Q02156
GeneID	5581;
Calculated MW	84 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

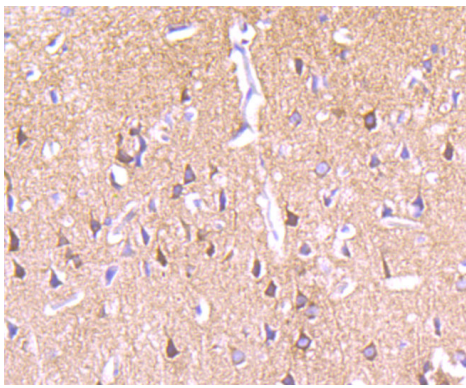
Application Details

WB: 1:500-1:1,000IHC: 1:50-1:200 ICC: 1:50-1:200FC: 1:50-1:100

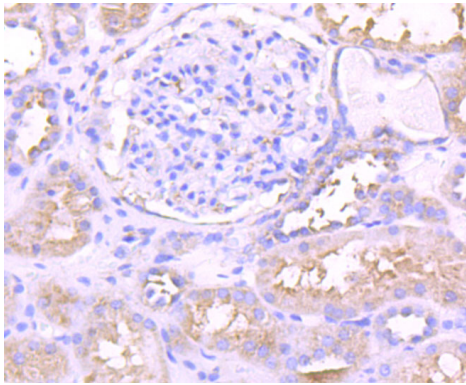
Images



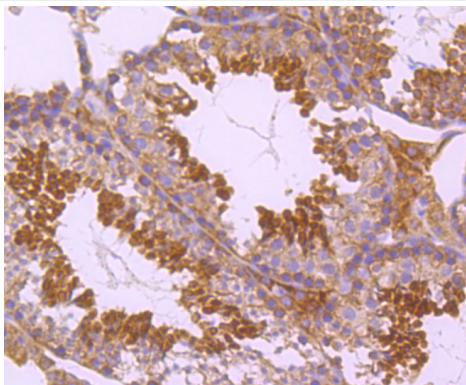
Western blot analysis of PKC epsilon on different cell lysate using anti-PKC epsilon antibody at 1/1,000 dilution.  
Positive control 100% 0% 100%  
Lane1: Jurkat  
Lane2: MCF-7  
Lane3: HT-29



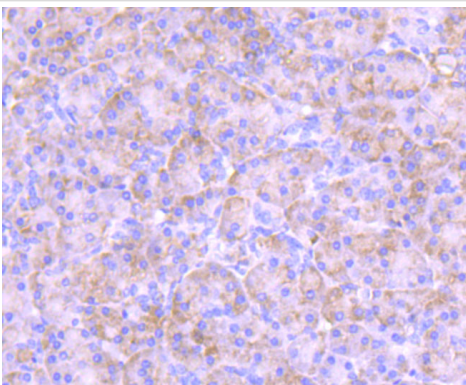
Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-PKC epsilon antibody. Counter stained with hematoxylin.



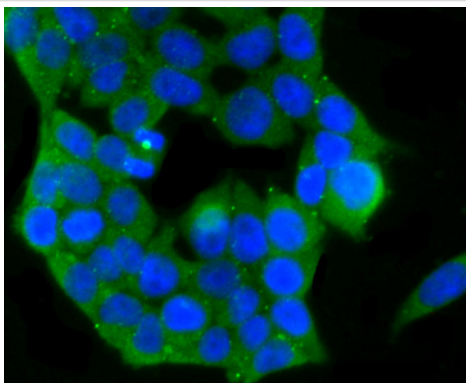
Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-PKC epsilon antibody. Counter stained with hematoxylin.



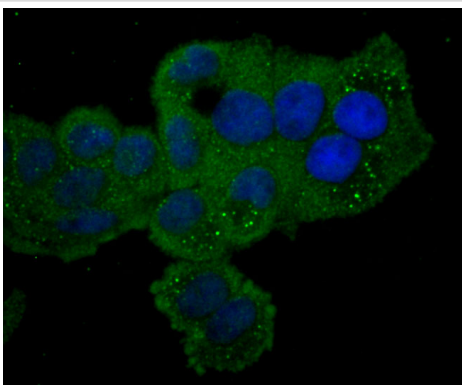
Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-PKC epsilon antibody. Counter stained with hematoxylin.



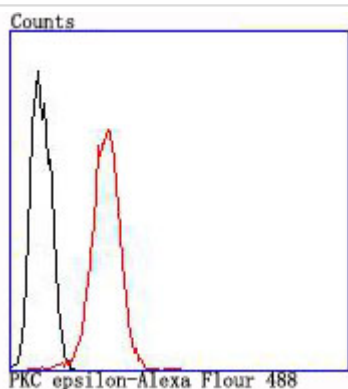
Immunohistochemical analysis of paraffin-embedded human pancreas tissue using anti-PKC epsilon antibody. Counter stained with hematoxylin.



ICC staining PKC epsilon in 293T cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining PKC epsilon in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric analysis of SH-SY5Y cells with PKC epsilon antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).

## Background

This is calcium-independent, phospholipid-dependent, serine- and threonine-specific enzyme. PKC is activated by diacylglycerol which in turn phosphorylates a range of cellular proteins. PKC also serves as the receptor for phorbol esters, a class of tumor promoters.

## References

Note: This product is for in vitro research use only