Anti-Phospho-PKC delta (Tyr311) Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

Catalog # R015473

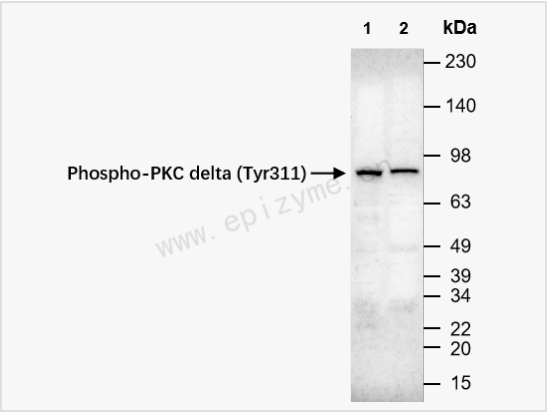
Product Information

Application	WB, IHC-P/IF (Tissue-P), ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000; IHC-P 1:100~1:200; IF 1:100~1:200
Host	Rabbit
Clonality	Monoclonal
Clone No.	24N54D16
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Tyr311 of human PKC delta
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-PKC delta (Tyr311) Rabbit mAb [24N54D16] is for research use only and not for use in diagnostic or therapeutic procedures.

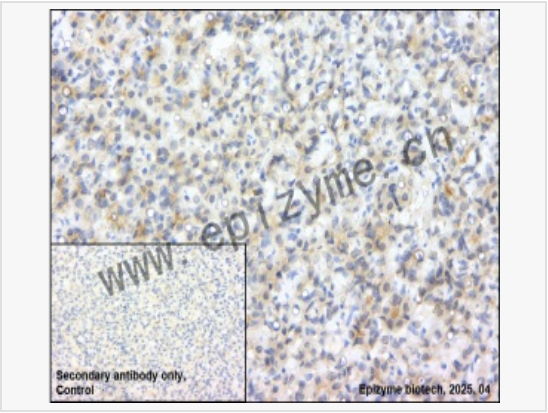
Protein Information

Synonyms	CVID9; D14Ertd420e; Kinase PKC delta; KPCD; KPCD_HUMAN; MAY 1; MAY1; MGC49908; nPKC delta; nPKC-delta; PCKd; PKC d; PKC delta; PKCD; PKCdelta; PRKC D; PRKC delta; Prkcd; Protein Kinase C delta; Protein kinase C delta type; Protein kinase C delta VIII; Protein Kinase Cdelta; Tyrosine protein kinase PRKCD.
Calculated MW	Calculated MW: 78 kDa; Observed MW: 78 kDa
Uniprot ID	Q05655
Gene ID	5580
Background	The protein encoded by this gene is a member of the protein kinase C family of serine- and threonine-specific protein kinases. The encoded protein is activated by diacylglycerol and is both a tumor suppressor and a positive regulator of cell cycle progression. Also, this protein can positively or negatively regulate apoptosis. Defects in this gene are a cause of autoimmune lymphoproliferative syndrome. [provided by RefSeq, Aug 2017]
Cellular Location	Cytoplasm. Membrane.

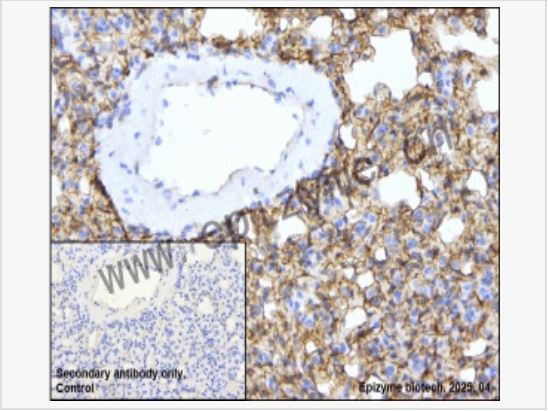
Validation Images



Western Blot - Anti-Phospho-PKC delta (Tyr311) Rabbit mAb [24N54D16]
All lanes: R015473 at 1:2,000 dilution
Lane 1: HCT116 (Human colorectal carcinoma epithelial cell) whole cell lysates
Lane 2: T24 (Human bladder cancer epithelial cell) whole cell lysates
Lysates/proteins at 10 µg per lane.
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution
Predicted band size: 78 kDa
Observed band size: 78 kDa
Developed using the ECL technique (Cat. No. SQ201).



Immunohistochemistry - Anti-Phospho-PKC delta (Tyr311) Rabbit mAb [24N54D16]
Sample: Paraformaldehyde-fixed, paraffin embedded rat stomach tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R015473 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.



Immunohistochemistry - Anti-Phospho-PKC delta (Tyr311) Rabbit mAb [24N54D16]
Sample: Paraformaldehyde-fixed, paraffin embedded mouse lung tissue
Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 30 mins.
Primary antibody: R015473 at 1:200 dilution
Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP conjugated at 1:1,000 dilution
DAB was used as the chromogen.
Counter stained with hematoxylin.
Positive/negative staining were presented.
Only the secondary antibody was used as the negative control.