

## Anti-PKC mu Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

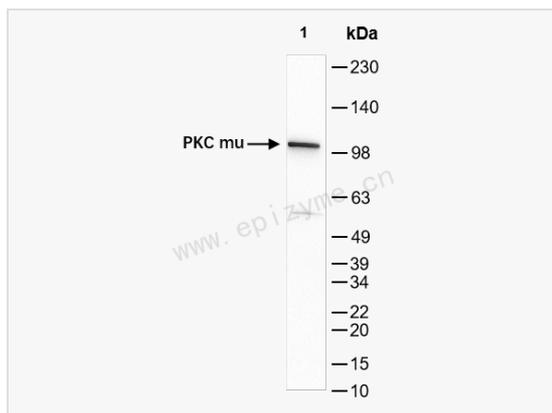
Catalog # R015755

### Product Information

Application	WB, ELISA
Reactivity	Mouse
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	78I45C03
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human PKC mu
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% 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-PKC mu Rabbit mAb [78I45C03] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

Synonyms	KPCD1_HUMAN; nPKC D1; nPKC mu; nPKC-D1; nPKC-mu; nPKCD1; nPKCmu; PKC; PKC MU; PKCM; PKCmu; PKD 1; PKD; PKD1; PRKCM; PRKD 1; Prkd1; Protein kinase C mu; Protein kinase C mu type; Protein kinase D; Protein kinase D1; Serine/threonine protein kinase D1; Serine/threonine-protein kinase D1.
Calculated MW	Calculated MW: 102 kDa; Observed MW: 102 kDa
Uniprot ID	Q15139
Gene ID	5587
Background	The protein encoded by this gene is a serine/threonine protein kinase involved in many cellular processes, including Golgi body membrane integrity and transport, cell migration and differentiation, MAPK8/JNK1 and Ras pathway signaling, MAPK1/3 (ERK1/2) pathway signaling, cell survival, and regulation of cell shape and adhesion. [provided by RefSeq, Jan 2017]
Cellular Location	Cytoplasm. Membrane. Translocation to the cell membrane is required for kinase activation.



Western Blot - Anti-PKC mu Rabbit mAb [78145C03]

All lanes: R015755 at 1:1,000 dilution

Lane 1: Mouse brain whole tissue lysates

Lysates/proteins at 10  $\mu$ g per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at 1:5,000 dilution

Predicted band size: 102 kDa

Observed band size: 102 kDa

Developed using the ECL technique (Cat. No. SQ201).