

PKD/PKCm(Phospho-Ser738) Antibody

Catalog No: #11078

Package Size: #11078-1 50ul #11078-2 100ul

Description

Product Name	PKD/PKCm(Phospho-Ser738) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB IF
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of PKD/PKCm only when phosphorylated at serine 738.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 738 (E-K-S(p)-F-R) derived from Human PKD/PKCm.
Conjugates	Unconjugated
Target Name	PKD/PKCm
Modification	Phospho
Other Names	KPCD1; PKC-mu; PKCM; PKD; PRKCM
Accession No.	Swiss-Prot: Q15139NCBI Protein: NP_002733.2
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

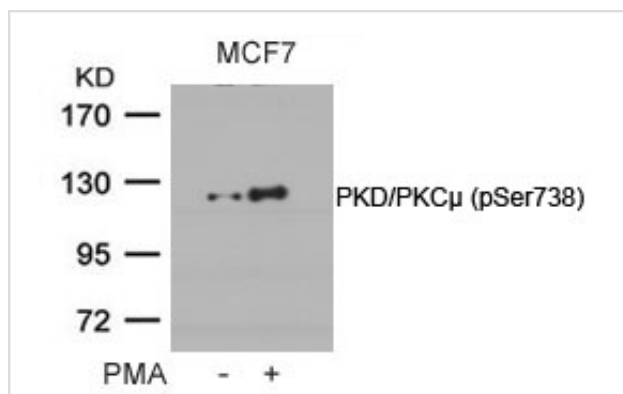
Application Details

Predicted MW: 115kd

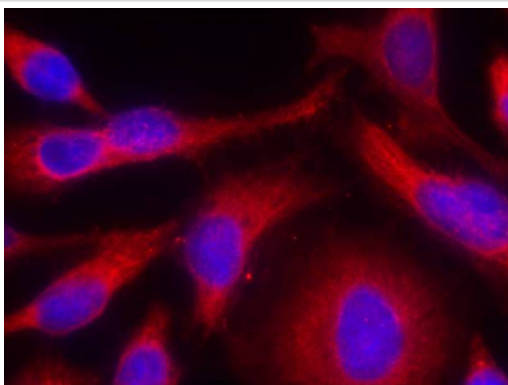
Western blotting: 1:500~1:1000

Immunofluorescence: 1:100~1:200

Images



Western blot analysis of extracts from MCF7 cells untreated or treated with PMA using PKD/PKCm(Phospho-Ser738) Antibody #11078.



Immunofluorescence staining of methanol-fixed HeLa cells using PKD/PKCm(Phospho-Ser738) Antibody #11078.

Background

Converts transient diacylglycerol. (DAG) signals into prolonged physiological effects, downstream of PKC. Involved in resistance to oxidative stress through activation of NF-kappa-B.

Storz P, et al. Mol Cell Biol. 2004 Apr; 24(7): 2614-2626.

Storz P, et al. Mol Cell Biol. 2005 Oct; 25(19): 8520-8530.

Zhang W, et al. J Biol Chem 2005 May 13; 280(19): 19036-19044

Note: This product is for in vitro research use only and is not intended for use in humans or animals.