

## 35-1076: Polyclonal Antibody to PKD/PKC (Phospho-Ser738)

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB,IF
<b>Reactivity :</b>	Human,Mouse,Rat
<b>Gene :</b>	PRKD1
<b>Gene ID :</b>	5587
<b>Uniprot ID :</b>	Q15139
<b>Format :</b>	Purified
<b>Alternative Name :</b>	KPCD1, PKC-mu, PKCM, PKD, PRKCM
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	Peptide sequence around phosphorylation site of serine 738 (E-K-S(p)-F-R) derived from Human PKD/PKCM.

### Description

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

### Product Info

<b>Amount :</b>	50 µl / 100 µl
<b>Content :</b>	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Predicted MW: 115kd, Western blotting: 1:500~1:1000, Immunofluorescence: 1:100~1:200

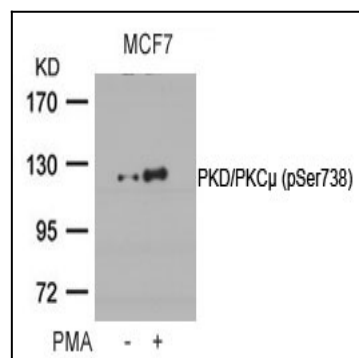


Figure 1: Western blot analysis of extracts from MCF cells untreated or treated with PMA using PKD/PKCM(Phospho-Ser738) Antibody 35-1076 .

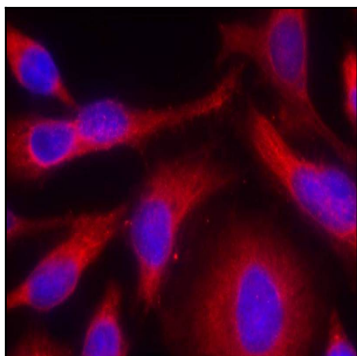


Figure 2: Immunofluorescence staining of methanol-fixed HeLa cells using PKD/PCm(Phospho-Ser738) Antibody 35-1076 .