

**MAA439Hu22**

**Monoclonal Antibody to Protein Kinase C Epsilon (PKCe)**

**Organism Species: *Homo sapiens (Human)***

***Instruction manual***

**FOR RESEARCH USE ONLY**

**NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES**

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13th Edition (Revised in Aug, 2023)

## **[ PROPERTIES ]**

**Source:** Monoclonal antibody preparation

**Host:** Mouse

**Antibody isotype:** IgG2b Kappa

**Purification:** Protein A + Protein G affinity chromatography

**Clone number:** C1

**Traits:** Liquid

**Concentration:** 1mg/mL

**UOM:** 200μL

**Cross Reactivity:** Mouse; Porcine.

**Applications:** WB; IHC; ICC/IF

## **[ IMMUNOGEN ]**

**Immunogen:** Recombinant PKCe (Leu403~Asp672) expressed in *E.coli*

**Accession No.:** RPA439Hu01

## **[ APPLICATIONS ]**

Western blotting: 0.01-2μg/mL;

Immunohistochemistry: 5-20μg/mL;

Immunofluorescence: 5-20μg/mL;

Optimal working dilutions must be determined by end user.

## **[ FORMULATION ]**

**Form & Buffer:** Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.

## **[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

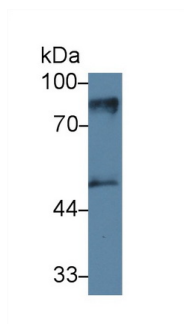
Store at 4°C for frequent use.

Aliquot and store at -20°C for 24 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined

by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

## [ IDENTIFICATION ]

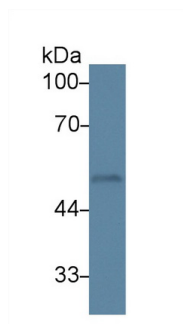


Western Blot; Sample: Mouse  
Cerebrum lysate;

Primary Ab: 2μg/ml Mouse Anti-Human PKCε Antibody

Second Ab: 0.2μg/mL HRP-Linked  
Caprine Anti-Mouse IgG Polyclonal  
Antibody

(Catalog: SAA544Mu19)

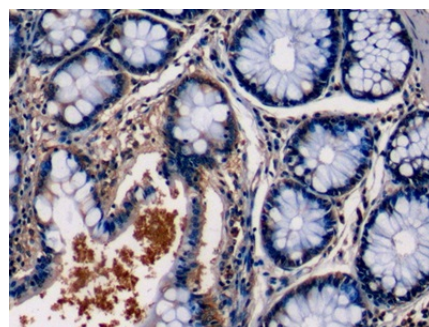


Western Blot; Sample: Porcine  
Cerebrum lysate;

Primary Ab: 2μg/ml Mouse Anti-Human PKCε Antibody

Second Ab: 0.2μg/mL HRP-Linked  
Caprine Anti-Mouse IgG Polyclonal  
Antibody

(Catalog: SAA544Mu19)



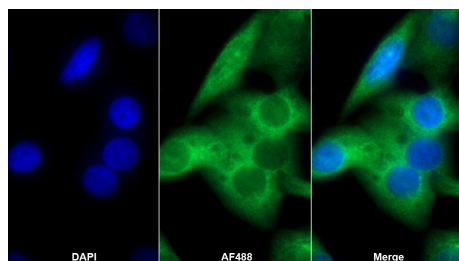
DAB staining on IHC-P;

Samples: Human Colon Tissue;

Primary Ab: 10μg/ml Mouse Anti-Human PKCε Antibody

Second Ab: 2μg/mL HRP-Linked  
Caprine Anti-Mouse IgG Polyclonal  
Antibody

(Catalog: SAA544Mu19)



AF488 staining on IF;

Sample: Hela cell

Primary Ab: 20μg/ml Mouse Anti-Human PKCε Antibody

Second Ab: 2μg/mL AF488-Linked  
Caprine Anti-Mouse IgG Polyclonal  
Antibody

(Catalog: SAA544Mu11)

**[ IMPORTANT NOTE ]**

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.