PLCG1 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3731
Host	Mouse
Isotype	Mouse IgG1
Size	100μL, 50μL
Immunogen	Purified recombinant fragment of human PLCG1 (AA: 1192-1291) expressed in E. Coli.
Mol wt	148.5kDa
Species reactivity	Human,Monkey,Rat
Clonality	Monoclonal
Recommended application	WB,IHC,ICC,FCM
Concentration	N/A
Full name	N/A
Synonyms	PLC1;NCKAP3;PLC-II;PLC148;PLCgamma1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

N/A

Recommended Dilution

WB: 1:500 - 1:2000

IHC-p: 1:200 - 1:1000
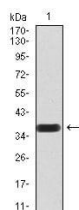
ICC: 1:200 - 1:1000

FCM: 1:200 - 1:400

ELISA: 1:10000
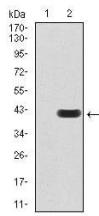
Not yet tested in other applications.

Images

Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);
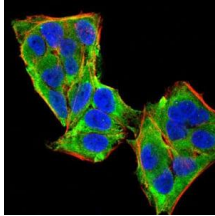

Western blot analysis using PLCG1 mAb against human PLCG1 (AA: 1192-1291) recombinant protein. (Expected MW is 37.5 kDa)

Western blot analysis using PLCG1 mAb against HEK293 (1) and PLCG1 (AA: 1192-1291)-hIgGFc transfected HEK293 (2) cell lysate.
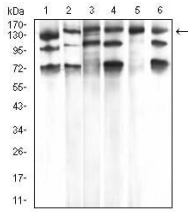

Western blot analysis using PLCG1 mouse mAb against Hela (1), A431 (2), C6 (3), NIH/3T3 (4), COS7 (5), and HCT116 (6) cell lysate.


Immunofluorescence analysis of HeLa cells using PLCG1 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)
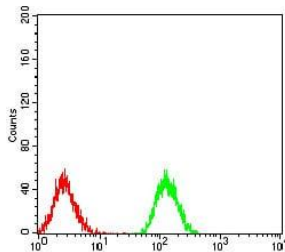
Flow cytometric analysis of Jurkat cells using PLCG1 mouse mAb (green) and negative control (red).
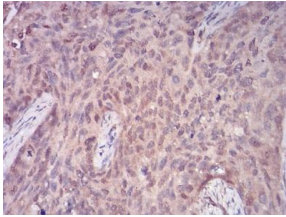
Immunohistochemical analysis of paraffin-embedded cervical cancer tissues using PLCG1 mouse mAb with DAB staining.
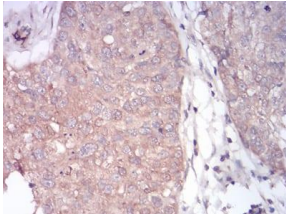
Immunohistochemical analysis of paraffin-embedded bladder cancer tissues using PLCG1 mouse mAb with DAB staining.

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.