

Datasheet for ABIN7149408

**anti-PLA2G4E antibody (AA 604-868)**[Go to Product page](#)**2** Images

## Overview

Quantity:	100 µL
Target:	PLA2G4E
Binding Specificity:	AA 604-868
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLA2G4E antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Cytosolic phospholipase A2 epsilon protein (604-868AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

## Target Details

Target:	PLA2G4E
Alternative Name:	PLA2G4E ( <a href="#">PLA2G4E Products</a> )
Background:	Background: Calcium-dependent phospholipase A2 that selectively hydrolyzes glycerophospholipids in the sn-2 position.

## Target Details

Aliases: PLA2G4E antibody, Cytosolic phospholipase A2 epsilon antibody, cPLA2-epsilon antibody, EC 3.1.1.4 antibody, Phospholipase A2 group IVE antibody

UniProt: [Q3MJ16](#)

Pathways: [Inositol Metabolic Process](#), [VEGF Signaling](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

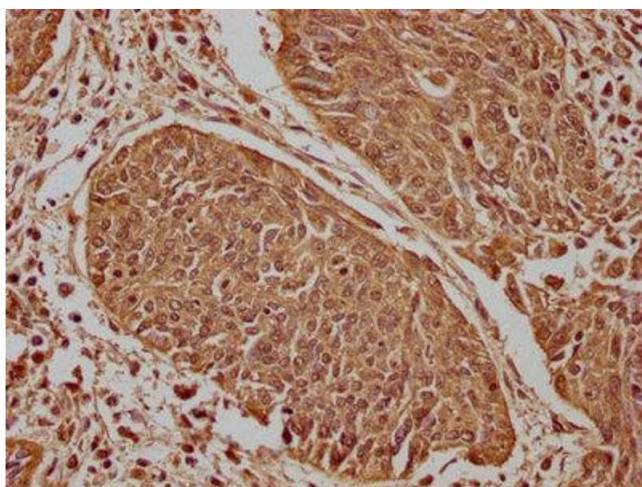
Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

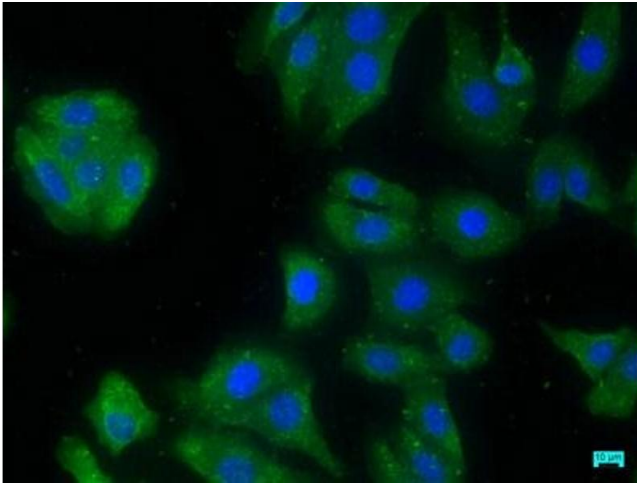
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

## Images



### Immunohistochemistry

**Image 1.** IHC image of ABIN7149408 diluted at 1:100 and staining in paraffin-embedded human cervical cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



#### Immunofluorescence

**Image 2.** Immunofluorescence staining of HepG2 cells with ABIN7149408 at 1:50, counter-stained with DAPI. The cells were fixed in 4 % formaldehyde, permeabilized using 0.2 % Triton X-100 and blocked in 10 % normal Goat Serum. The cells were then incubated with the antibody overnight at 4 °C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).