

## Anti-PLA2G4A antibody (Internal) (STJ72270)

STJ72270

### GENERAL INFORMATION

<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Goat polyclonal antibody anti-PLA2G4A (Internal) is suitable for use in ELISA research applications.
<b>Applications</b>	Pep-ELISA
<b>Host/Source</b>	Goat
<b>Reactivity</b>	Human, Mouse, Rat

### PRODUCT PROPERTIES

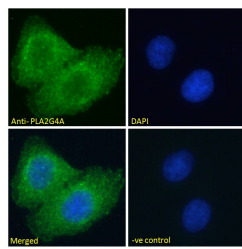
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	0.5 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Dilution Range</b>	WB-Recommended concentration:0.3-1µg/ml IHC-3.75µg/ml IF-Strong expression of the protein seen in the cytoplasm of A549 cells. 10µg/ml FC-Flow cytometric analysis of A549 cells. 10µg/ml ELISA-antibody detection limit dilution 1:32000.
<b>Formulation</b>	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at-20 on receipt and minimise freeze-thaw cycles.

### TARGET INFORMATION

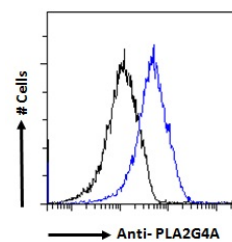
<b>Gene ID</b>	5321
<b>Gene Symbol</b>	PLA2G4A
<b>Uniprot ID</b>	PA24A_HUMAN
<b>Immunogen</b>	Internal
<b>Immunogen Region</b>	
<b>Specificity</b>	
<b>Immunogen Sequence</b>	QEKTFRQQRKEHIR



STJ72270 (1µg/ml) staining of A549 cell lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.



STJ72270 Immunofluorescence analysis of paraformaldehyde fixed A549 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml) showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10µg/ml) followed by Alexa Fluor 488 secondary antibody (2µg/ml).



STJ72270 Flow cytometric analysis of paraformaldehyde fixed A549 cells (blue line) , permeabilized with 0.5% Triton. Primary incubation 1hr (10µg/ml) followed by Alexa Fluor 488 secondary antibody (1µg/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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