Anti-PLA2G4A antibody (Internal) (STJ72270)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	Pep-ELISA/WB/IF/FC/IHC
Host / Source	Goat
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

Clonality	Polyclonal
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:32000. WB: Approx 80-85kDa band observed in lysates of cell line A549 (calculated MW of 85.2kDa according to NP_077734.1). Preliminary experiments also showed an 85-90kDa band in lysates of cell
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at-20°C on receipt and minimise freeze-thaw cycles.

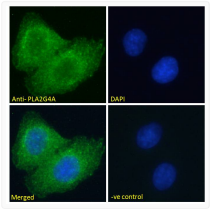
TARGET INFORMATION

Gene ID	5321
Gene Symbol	PLA2G4A
UniProt ID	PA24A_HUMAN
Immunogen Region	Internal
Immunogen Sequence	QEKTFRQQRKEHIR

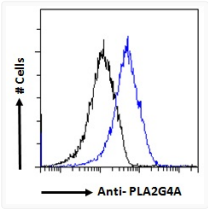
ADDITIONAL INFORMATION

Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.

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 (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml) , showing cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).



STJ72270 Flow cytometric analysis of paraformaldehyde fixed A549 cells (blue line) , permeabilized with 0. 5% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (1ug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.