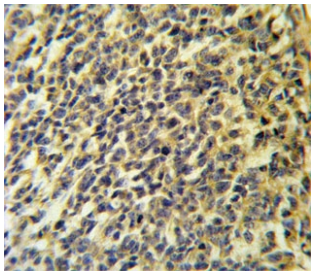
CaI-PLA2 Antibody / PLA2G6 (F55050)

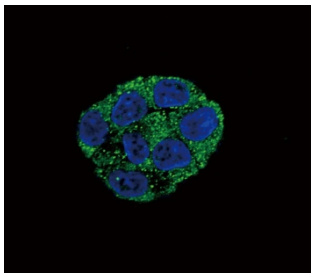
Catalog No.	Formulation	Size
F55050-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F55050-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

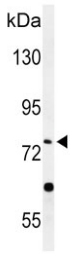
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	O60733
Localization	Cell membrane, cytoplasm
Applications	Flow Cytometry : 1:10-1:50 (1x10e6 cells) Immunofluorescence : 1:10-1:50 Immunohistochemistry (FFPE) : 1:10-1:50 Western Blot : 1:500-1:1000
Limitations	This CaI-PLA2 antibody is available for research use only.



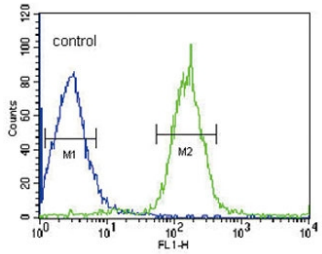
IHC testing of FFPE human testis carcinoma tissue with CaI-PLA2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Immunofluorescent staining of human HepG2 cells with CaI-PLA2 antibody (green) and DAPI nuclear stain (blue).



Western blot testing of human HepG2 cell lysate with CaI-PLA2 antibody. Expected molecular weight: 85-90 kDa.



Flow cytometry testing of human HepG2 cells with CaI-PLA2 antibody; Blue=isotype control, Green= CaI-PLA2 antibody.

Description

The protein encoded by this gene is an A2 phospholipase, a class of enzyme that catalyzes the release of fatty acids from phospholipids. The encoded protein may play a role in phospholipid remodelling, arachidonic acid release, leukotriene and prostaglandin synthesis, fas-mediated apoptosis, and transmembrane ion flux in glucose-stimulated B-cells.

Application Notes

The stated application concentrations are suggested starting points. Titration of the CaI-PLA2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 551-580 from the human protein was used as the immunogen for the CaI-PLA2 antibody.

Storage

Aliquot the PLA2G6 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.