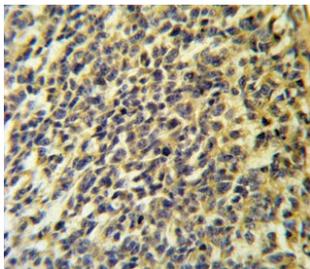


Cal-PLA2 Antibody / PLA2G6 (F55050)

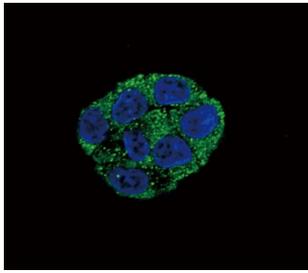
| Catalog No. | Formulation | Size |
|---------------|--|---------|
| F55050-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F55050-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

[Bulk quote request](#)

| | |
|---------------------------|---|
| Availability | 1-3 business days |
| Species Reactivity | Human |
| Format | Purified |
| Host | Rabbit |
| 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 Cal-PLA2 antibody is available for research use only. |



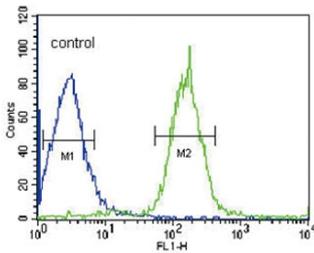
IHC testing of FFPE human testis carcinoma tissue with Cal-PLA2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



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

kDa
130
95
72
55

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



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

Storage

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

