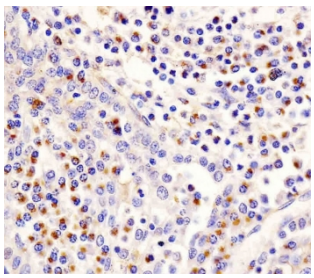
Lp-PLA2 Antibody / PLA2G7 (F54313)

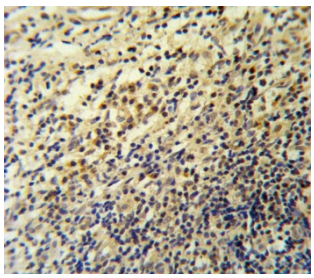
Catalog No.	Formulation	Size
F54313-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54313-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q13093
Applications	Western Blot : 1:500-1:2000 Immunohistochemistry (FFPE) : 1:25 Flow Cytometry : 1:25 (1x10e6 cells)
Limitations	This Lp-PLA2 antibody is available for research use only.



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



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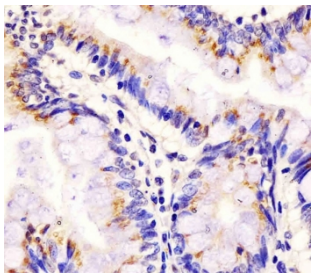
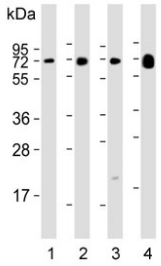
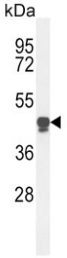


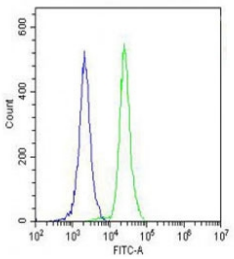
IHC testing of FFPE human colon tissue with Lp-PLA2 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Western blot testing of human 1) liver, 2) lung, 3) spleen and 4) plasma lysate with Lp-PLA2 antibody. Expected molecular weight: 45-67 kDa depending on glycosylation level.



Western blot testing of human HL60 cell lysate with Lp-PLA2 antibody. Expected molecular weight: 45-67 kDa depending on glycosylation level.



Flow cytometry testing of fixed and permeabilized human HL60 cells with Lp-PLA2 antibody; Blue=isotype control, Green= Lp-PLA2 antibody.

Description

The protein encoded by this gene is a secreted enzyme that catalyzes the degradation of platelet-activating factor to biologically inactive products. Defects in this gene are a cause of platelet-activating factor acetylhydrolase deficiency.

Application Notes

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

Immunogen

A portion of amino acids 200-228 from the human protein was used as the immunogen for the Lp-PLA2 antibody.

Storage

Aliquot the Lp-PLA2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.