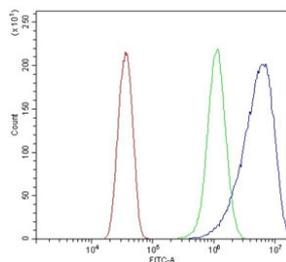


## cPLA2-beta Antibody / PLA2G4B (RQ6334)

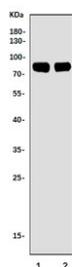
Catalog No.	Formulation	Size
RQ6334	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>Buffer</b>	Lyophilized from 1X PBS with 2% Trehalose
<b>UniProt</b>	P0C869
<b>Applications</b>	Western Blot : 0.5-1ug/ml Flow Cytometry : 1-3ug/million cells Direct ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This cPLA2-beta antibody is available for research use only.



Flow cytometry testing of human HeLa cells with cPLA2-beta antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue=cPLA2-beta antibody.



Western blot testing of 1) rat brain and 2) mouse brain tissue lysate with cPLA2-beta antibody. Predicted molecular weight ~88 kDa.

## Description

Phospholipase A2, group IVB (cytosolic), also known as PLA2G4B, is a human gene. This gene encodes a member of the cytosolic phospholipase A2 protein family. Phospholipase A2 enzymes hydrolyze the sn-2 bond of phospholipids, releasing lysophospholipids and fatty acids. This enzyme may be associated with mitochondria and early endosomes. Most tissues also express read-through transcripts from the upstream gene into this gene, some of which may encode fusion proteins combining the N-terminus of the upstream gene including its JmjC domain with the almost complete coding region of this gene, including the C2 and cytoplasmic phospholipase A2 domains.

## Application Notes

Optimal dilution of the cPLA2-beta antibody should be determined by the researcher.

## Immunogen

Recombinant human protein (amino acids N61-H781) was used as the immunogen for the cPLA2-beta antibody.

## Storage

After reconstitution, the cPLA2-beta antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.