



[www.everestbiotech.com](http://www.everestbiotech.com)

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## GOAT ANTI-PLA2G4A ANTIBODY

**SKU:** EB10113

Goat Anti-PLA2G4A Antibody

<https://everestbiotech.com/products/goat-anti-pla2g4a-antibody/>

250kDa

150kDa

100kDa

75kDa

50kDa

37kDa

25kDa

20kDa

15kDa



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# SPECIFICATIONS

<b>Formulation</b>	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
<b>Unit Size</b>	100 µg
<b>Storage Instructions</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>Synonym / Alias Names</b>	PLA2G4A PLA2G4 phospholipase A2, group IVA (cytosolic, calcium-dependent) phosphatidylcholine 2-acylhydrolase MGC126350 lysophospholipase cytosolic phospholipase A2, group IVA cPLA2-alpha calcium-dependent phospholipid-binding protein
<b>Usage Summary</b>	<strong>Immunofluorescence:</strong> Strong expression of the protein seen in the cytoplasm of A549 cells. Recommended concentration: 10µg/ml. <strong>Flow Cytometry:</strong> Flow cytometric analysis of A549 cells. Recommended concentration: 10ug/ml.
<b>Accession ID</b>	NP_077734.1
<b>Blocking Peptide</b>	EBP10113
<b>Immunogen</b>	Peptide with sequence C-QEKTFRQQRKEHIR, from the internal region of the protein sequence according to NP_077734.1.
<b>Peptide Sequence</b>	C-QEKTFRQQRKEHIR
<b>Purification Method</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Shipping Instructions</b>	Refrigerated
<b>Predicted Species</b>	Human, Mouse, Rat
<b>Reactive Species</b>	Human
<b>Human Gene ID</b>	5321
<b>Product Grade</b>	<a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png</a>
<b>IHC Results</b>	Paraffin embedded Human Uterus. Recommended concentration: 3.75µg/ml.
<b>ELISA Detection Limit</b>	Antibody detection limit dilution 1:32000.
<b>Western Blot</b>	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 lines A431, HeLa and NIH-3T3. Recommended concentration:0.3-1µg/ml. Primary incubation 1 hour at room temperature. Preliminary testing was unsuccessful on Rat for this particular batch.
<b>Application Type</b>	Pep-ELISA, WB, IF, FC, IHC



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## DOCUMENTS

- [Data Sheet](#)

## GALLERY IMAGES

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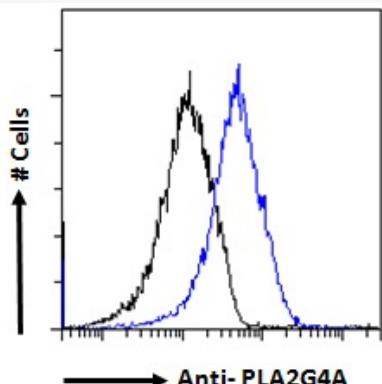
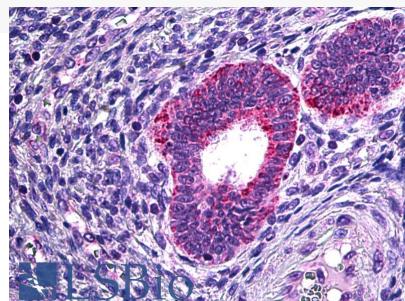
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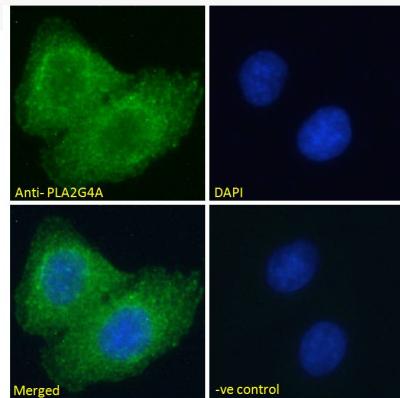




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