

# PLCB2 antibody

## Cat. No. GTX133765

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, IHC-Fr
Reactivity	Human, Mouse

References (1) Package 100 μl, 25 μl

## Applications

## **Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

WB 1:500-1:3000   ICC/IF 1:100-1:1000   IHC-P 1:100-1:1000   IHC-Fr Assay dependent	Suggested dilution	Recommended dilution
IHC-P 1:100-1:1000	WB	1:500-1:3000
	ICC/IF	1:100-1:1000
IHC-Fr Assay dependent	IHC-P	1:100-1:1000
	IHC-Fr	Assay dependent

Not tested in other applications.

Calculated MW 134 kDa. (Note)

Properties	
Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.71 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of human PLCB2. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated



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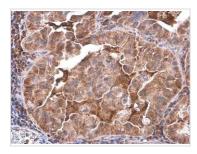


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#### Note

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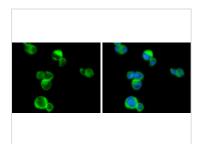
#### DATA IMAGES



#### GTX133765 IHC-P Image

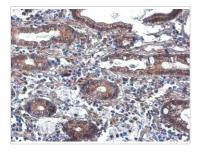
PLCB2 antibody detects PLCB2 protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded human lung cancer. PLCB2 stained by PLCB2 antibody (GTX133765) diluted at 1:500.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



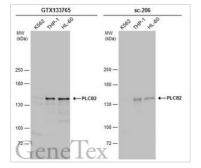
### GTX133765 ICC/IF Image

PLCB2 antibody detects PLCB2 protein at cytoplasm by immunofluorescent analysis. Sample: THP-1 cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: PLCB2 stained by PLCB2 antibody (GTX133765) diluted at 1:500. Blue: Fluoroshield with DAPI (GTX30920).



## GTX133765 IHC-P Image

PLCB2 antibody detects PLCB2 protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded human colon cancer. PLCB2 stained by PLCB2 antibody (GTX133765) diluted at 1:500. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



#### GTX133765 WB Image

Various whole cell extracts (30  $\mu$ g) were separated by 5% SDS-PAGE, and the membranes were blotted with PLCB2 antibody (GTX133765) diluted at 1:1000 and competitor's antibody (sc-206) diluted at 1:100. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody. \*The competitor is not affiliated with GeneTex and does not endorse this product.



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