

Datasheet for ABIN2805411

**anti-PLCB3 antibody (pSer1105) (AbBy Fluor® 594)**[Go to Product page](#)

## Overview

|                      |                                                                                                                                                          |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Quantity:            | 100 µL                                                                                                                                                   |
| Target:              | PLCB3                                                                                                                                                    |
| Binding Specificity: | pSer1105                                                                                                                                                 |
| Reactivity:          | Human                                                                                                                                                    |
| Host:                | Rabbit                                                                                                                                                   |
| Clonality:           | Polyclonal                                                                                                                                               |
| Conjugate:           | This PLCB3 antibody is conjugated to AbBy Fluor® 594                                                                                                     |
| Application:         | Western Blotting (WB), Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)),<br>Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                       |                                                                                                                 |
|-----------------------|-----------------------------------------------------------------------------------------------------------------|
| Immunogen:            | KLH conjugated synthetic phosphopeptide derived from human PLC beta3 around the phosphorylation site of Ser1105 |
| Isotype:              | IgG                                                                                                             |
| Cross-Reactivity:     | Human                                                                                                           |
| Predicted Reactivity: | Mouse,Rat,Dog,Cow,Pig,Horse                                                                                     |
| Purification:         | Purified by Protein A.                                                                                          |

## Target Details

|         |       |
|---------|-------|
| Target: | PLCB3 |
|---------|-------|

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Alternative Name: | PLC beta3 ( <a href="#">PLCB3 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Background:       | <p>Synonyms: Phospholipase C beta 3, Phospholipase C beta 3 phosphatidylinositol specic, PLC beta 3, PLCB3 antibody 1 phosphatidylinositol 4 5 bisphosphate phosphodiesterase beta 3, Phosphoinositide phospholipase C, PLCB3_HUMAN.</p> <p>Background: Phospholipase C is a key enzyme in phosphatidylinositol (PIP2) metabolism and lipid signaling pathways. The Phospholipase C family consists of 13 isozymes split between six subfamilies. Phospholipase C beta is activated by G protein subunits.</p> |
| Gene ID:          | 5331                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Pathways:         | <a href="#">WNT Signaling</a> , <a href="#">Thyroid Hormone Synthesis</a> , <a href="#">Myometrial Relaxation and Contraction</a> , <a href="#">CXCR4-mediated Signaling Events</a> , <a href="#">G-protein mediated Events</a>                                                                                                                                                                                                                                                                                |

## Application Details

|                    |                                                                              |
|--------------------|------------------------------------------------------------------------------|
| Application Notes: | FCM 1:20-100<br>IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>IF(ICC) 1:50-200 |
| Restrictions:      | For Research Use only                                                        |

## Handling

|                    |                                                                                                                    |
|--------------------|--------------------------------------------------------------------------------------------------------------------|
| Format:            | Liquid                                                                                                             |
| Concentration:     | 1 µg/µL                                                                                                            |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin                                                                                                            |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months                                                                                                          |