

Immunotag™ Phospho-PLCbeta3 (Ser1105) Antibody

| Antibody Specification | |
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| Catalog No. | ITA0711 |
| Product Description | Immunotag™ Phospho-PLCbeta3 (Ser1105) Antibody |
| Size | 100 µg, 200 µg |
| Conjugation | HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647 |
| IMPORTANT NOTE | This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return. |
| Target Protein | Phospho-PLCbeta3 (Ser1105) |
| Clonality | Polyclonal |
| Storage/Stability | -20°C/1 year |
| Application | WB,IHC |
| Recommended Dilution | WB 1:500-1:2000, IHC 1:50-1:200 |
| Concentration | 1 mg/ml |
| Reactive Species | Human,Mouse,Rat |
| Host Species | Rabbit |
| Immunogen | A synthesized peptide derived from human PLCbeta3 around the phosphorylation site of Ser1105. |
| Specificity | Phospho-PLCbeta3 (Ser1105) Antibody detects endogenous levels of PLCbeta3. |
| Purification | The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns. |
| Form | Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt |
| Gene Name | PLCB3 |
| Accession No. | Q01970 |
| Alternate Names | 1 phosphatidylinositol 4 5 biphosphate phosphodiesterase beta 3; 1-phosphatidylinositol-4; 5-bisphosphate phosphodiesterase beta-3; Phosphoinositide phospholipase C; Phosphoinositide phospholipase C-beta-3; Phospholipase C beta 3; Phospholipase C beta 3 (phosphatidylinositol specific); Phospholipase C-beta-3; PLC beta 3; PLC-beta-3; Plcb3; PLCB3_HUMAN; |

Antibody Specification

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| Description | The production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3) is mediated by activated phosphatidylinositol-specific phospholipase C enzymes. |
| Cell Pathway/ Category | Primary Polyclonal Antibody |
| Protein MW | 150kDa |
| Usage | For Research Use Only! Not for diagnostic or therapeutic procedures. |