

**bsm-62936R****[ Primary Antibody ]**

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**Phospho-PLCB3 (Ser537) Recombinant Rabbit mAb****— DATASHEET —**

|  |                      |   |
|--|----------------------|---|
| <b>Host:</b> Rabbit  | <b>Isotype:</b> IgG  | <b>Applications:</b> <b>WB</b> (1:500-2000)<br><b>Flow-Cyt</b> (1:50-100)<br><b>ICC/IF</b> (1:100-200)<br><br><b>Reactivity:</b> Human<br><br><br><br><b>Predicted MW.:</b> 139<br><br><b>Subcellular Location:</b> Cell membrane |
| <b>Clonality:</b> Recombinant  |                      |   |
| <b>GeneID:</b> 5331  | <b>SWISS:</b> Q01970 |   |
| <b>Target:</b> Phospho-PLCB3 (Ser537)  |                      |   |
| <b>Immunogen:</b> A synthesized peptide derived from human PLCB3 around the phosphorylation site of S537: PQQ-pS-LGD.  |                      |   |
| <b>Purification:</b> affinity purified by Protein A  |                      |   |
| <b>Storage:</b> 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles. |                      |   |
| <b>Background:</b> 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.                |                      |   |