

Phospho-SHIP (Y1020) Rabbit mAb

货号: B31081

产品信息

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| 反应 | Human |
| 宿主 | Rabbit |
| 克隆性 | Monoclonal |
| 预测反应 | |
| 应用 | WB ICC IP |
| 推荐浓度 | WB: 1:500 - 1:2000 ICC: 1:50 - 1:200 IP: 1:20 - 1:50 |
| 理论分子量 | 109kDa/133kDa |
| 实测分子量 | 145kDa |
| 形式 | Liquid |
| 保存条件 | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3. |
| 偶联物 | Unconjugated |
| 阳性对照 | Mouse spleen |
| 细胞定位 | Cytoplasm,Membrane,Peripheral membrane protein |
| 纯化 | Affinity purification |

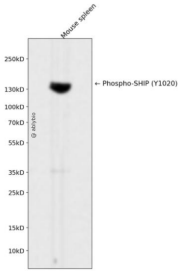
抗原信息

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| 抗原信息 | Recombinant fusion protein corresponding to Human Phospho-SHIP (Y1020). |
| 序列 | PPCSGSSITEIINPNYMGVGPFGPPMPLHVKQTLSPDQQPTAWSYDQPPKDSPLGPCRGESPTPPGQPPISPCKFLPSTANRGLPPRTQESRPSDLGKNA |

靶点信息

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| 研究背景 | This gene is a member of the inositol polyphosphate-5-phosphatase (INPP5) family and encodes a protein with an N-terminal SH2 domain, an inositol phosphatase domain, and two C-terminal protein interaction domains. Expression of this protein is restricted to hematopoietic cells where its movement from the cytosol to the plasma membrane is mediated by tyrosine phosphorylation. At the plasma membrane, the protein hydrolyzes the 5' phosphate from phosphatidylinositol (3,4,5)-trisphosphate and inositol-1,3,4,5-tetrakisphosphate, thereby affecting multiple signaling pathways. The protein is also partly localized to the nucleus, where it may be involved in nuclear inositol phosphate signaling processes. Overall, the protein functions as a negative regulator of myeloid cell proliferation and survival. Mutations in this gene are associated with defects and cancers of the immune system. Alternative splicing of this gene results in multiple transcript variants. |
| 基因ID | 3635 |
| 基因名 | INPP5D |
| Swiss | Q92835 |
| 别名 | INPP5D;SHIP;SHIP-1;SHIP1;SIP-145;hp51CN;p150Ship |

产品验证



Western blot analysis of Phospho-SHIP (Y1020) expressed in Mouse spleen using Phospho-SHIP (Y1020) Rabbit mAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins : 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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