

30-1362: Anti-SHIP-1 Monoclonal Antibody (Clone:SHIP-01)

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| Clonality : | Monoclonal |
| Clone Name : | SHIP-01 |
| Application : | ICC,FACS |
| Reactivity : | Human |
| Gene : | INPP5D |
| Gene ID : | 3635 |
| Uniprot ID : | Q92835 |
| Format : | Purified |
| Alternative Name : | INPP5D,SHIP,SHIP1 |
| Isotype : | Mouse IgG2a |
| Immunogen Information : | Peptide corresponding to a sequence within N-terminal domain of Human SHIP-1. |

Description

SHIP-1 (SH2 domain containing inositol phosphatase-1) is a 5 \hat{A} 'inositol phosphatase that regulates cell responses in lymphocytes and myeloid cells by hydrolyzing the second messenger PI(3,4,5) trisphosphate. SHIP-1 is recruited upon engagement of both inhibitory and activatory receptors, such as Fc γ RIIB, Fc γ RIII, Fc ϵ RI or cytokine and growth factor receptors, and suppresses PI3K-dependent signaling, down-regulates cell migration and invasion of transformed cells and phagocytosis. SHIP-1 also serves as a scaffold for the recruitment of other proteins to the plasma membrane.

Product Info

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| Amount : | 0.1 mg |
| Purification : | Purified by protein-A affinity chromatography |
| Storage condition : | Store at 2-8°C. Do not freeze. |

Application Note

Western Blotting *Positive control:* RAMOS human cell line

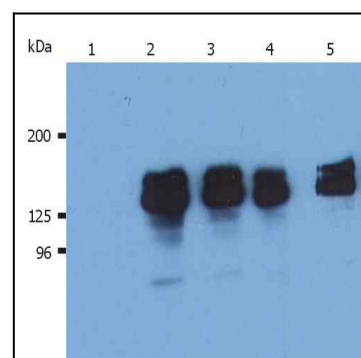


Figure 1: Western Blotting analysis (reducing conditions) of human SHIP-1 in whole cell lysate of THP-1 human acute monocytic leukemia cell line. Lane 1: immunostaining with Isotype mouse IgG1 control (PPV-04) . Lane 2,3: immunostaining with anti-human SHIP-1 (SHIP-01). Lane 4,5: immunostaining with anti-human SHIP-1 (SHIP-02;)