9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

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

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 coresponding to a sequence within N-terminal domain of Human SHIP-1.

Description

SHIP-1 (SH2 domain containing inositol phosphatase-1) is a 5Â´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 FcgammaRIIB, Fcgamma RIII, FcepsilonRI or cytokine and growth factor receptors, and supresses 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

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

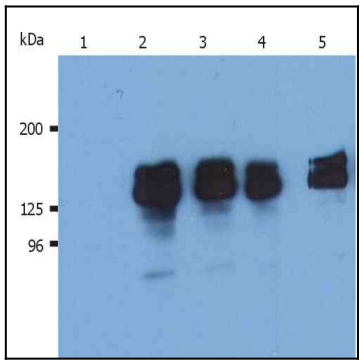


Figure 1: Western Blotting analysis (reducing conditions) of human SHIP-1 in whole cell lysate of THP-1 human acute monocytic leukemia cell line. Lane 1: immunostaining with Isotype mouse IgG1 control (PPV-04) . Lane 2,3: immunostaining with anti-human SHIP-1 (SHIP-01). Lane 4,5: immunostaining with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

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