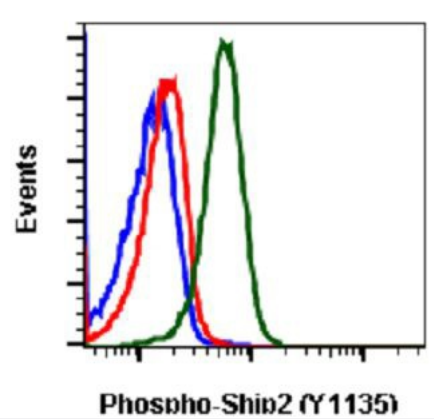
INPPL1 (phospho Y1135) monoclonal antibody, clone 1D2 (SureLight 488)

Catalog # MAB19073 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of U937 cells unstained untreated U937 cells as negative control (blue) or stained and untreated (red) or treated with IFNα IL-4 and pervanadate (green) using INPPL1 (phospho Y1135) monoclonal antibody (SureLight 488).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic phosphopeptide of human INPPL1.
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Y1135 of human INPPL1.
Host	Rabbit
Reactivity	Human
Form	Liquid
Conjugation	SureLight 488
Purification	Protein A/G Purification
Isotype	IgG1k
Recommend Usage	Flow Cytometry (5 uL/10^6 cells or 0.05 ug/mL) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.4 (0.2% BSA, 0.09% sodium azide).
Storage Instruction	Store at 2-8°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

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Gene Info — INPPL1

Entrez GeneID	3636
Gene Name	INPPL1
Gene Alias	SHIP2
Gene Description	inositol polyphosphate phosphatase-like 1
Omim ID	600829
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is an SH2-containing 5'-inositol phosphatase that is involved in the regulation of insulin function. The encoded protein also plays a role in the regulation of epider mal growth factor receptor turnover and actin remodelling. Additionally, this gene supports metast atic growth in breast cancer and is a valuable biomarker for breast cancer. [provided by RefSeq
Other Designations	51C protein

Pathway

- Inositol phosphate metabolism
- Metabolic pathways
- Phosphatidylinositol signaling system

Disease

- Adenocarcinoma
- Esophageal Neoplasms
- Hypertension
- Insulin Resistance
- Metabolic Syndrome X
- Obesity