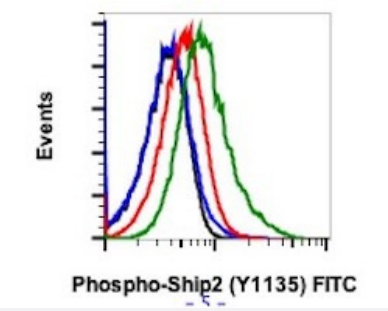
INPPL1 (phospho Y1135) monoclonal antibody, clone 1D2 (FITC)

Catalog # MAB23466 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of U-937 cells with INPPL1 (phospho Y1135) monoclonal antibody, clone 1D2 (FITC) (Cat # MAB23466). Untreated (red) or treated with INFa, IL-4 and pervanate (green).

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, Mouse
Form	Liquid
Conjugation	FITC
Purification	Protein A/G purification
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (5 uL/10^6 cells) 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 4°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