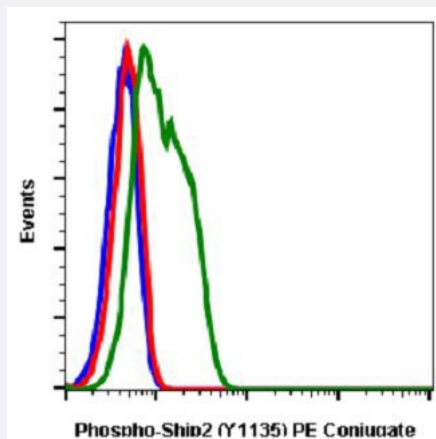


# INPPL1 (phospho Y1135) monoclonal antibody, clone 1D2 (PE)

Catalog # MAB19071      Size 100 Reactions

## Applications



### Flow Cytometry

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

## 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	PE
Purification	Protein A/G Purification
Isotype	IgG1k
Recommend Usage	Flow Cytometry (5 $\mu$ L/ $10^6$ cells or 0.05 $\mu$ g/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 should be handled by trained staff only.

## Applications

- Flow Cytometry

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

## 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 epidermal growth factor receptor turnover and actin remodelling. Additionally, this gene supports metastatic 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](#)