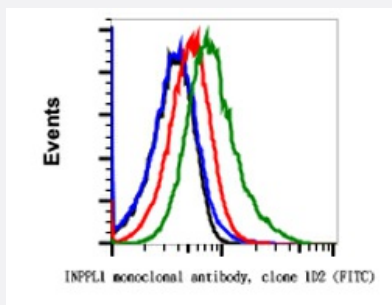


INPPL1 (phospho Y1135) monoclonal antibody, clone 1D2 (FITC)

Catalog # MAB23404

Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of U937 cells with INPPL1 (phospho Tyr1135) monoclonal antibody, clone 1D2 (FITC)(Cat # MAB23404). Untreated (red) or treated with INF α , IL-4 and pervanate (green).

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic phosphopeptide of human INPPL1.
Immunogen	A synthetic phospho-peptide corresponding to residues surrounding Tyr1135 of human phospho Shp2
Host	Rabbit
Reactivity	Human
Form	Liquid
Conjugation	FITC
Isotype	IgG1, kappa
Recommend Usage	Flow Cytometry (5 μ L/million cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% NaN ₃ , 0.2% BSA)
Storage Instruction	Store at 4°C. Do not freeze.

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 with INPPL1 (phospho Tyr1135) monoclonal antibody, clone 1D2 (FITC)(Cat # MAB23404). Untreated (red) or treated with INF α , IL-4 and pervanate (green).

Gene Info — INPPL1

Entrez GeneID	3636
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Protein Accession#	O15357
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Gene Name	INPPL1
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Gene Alias	SHIP2
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Gene Description	inositol polyphosphate phosphatase-like 1
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Omim ID	600829
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Gene Ontology	Hyperlink
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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]
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Other Designations	51C protein
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Pathway

- [Inositol phosphate metabolism](#)
- [Metabolic pathways](#)
- [Phosphatidylinositol signaling system](#)

Disease

- [Adenocarcinoma](#)
- [Esophageal Neoplasms](#)
- [Hypertension](#)
- [Insulin Resistance](#)
- [Metabolic Syndrome X](#)
- [Obesity](#)