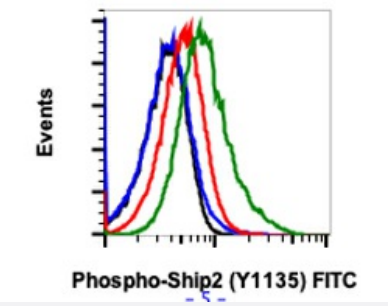
RecomAb™

INPPL1 recombinant monoclonal antibody, clone Ship2Y1135-1D2 (FITC)

Catalog # RAB02984 Size 100 Reactions

Applications



Flow Cytometry

Flow cytometric analysis of U937 cells untreated (red) or treated with INFa, IL-4 and pervanate (green) using Phospho-Ship2 (Tyr1135) (1D2) Rabbit mAb (FITC Conjugate) Ship2Y1135-1D2, or concentration-matched Rabbit (G9) mAb IgG Isotype Control (FITC Conjugate) for cells untreated (black) or treated with IFNa, IL-4 and pervanadate (blue).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human INPPL1.
Antibody Species	Rabbit
Immunogen	A synthetic phospho-peptide corresponding to residues surrounding Tyr1135 of human phospho Shi p2
Reactivity	Human
Form	Liquid
Conjugation	FITC
Purification	Protein A purification, Protein G purification
Isotype	IgG
Recommend Usage	Flow Cytometry The optimal working dilution should be determined by the end user.

Storage Buffer	1X PBS, 0.09% Sodium azide, 0.2% BSA
Storage Instruction	Store at 4°C. Do not freeze.
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
Protein Accession#	O15357
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