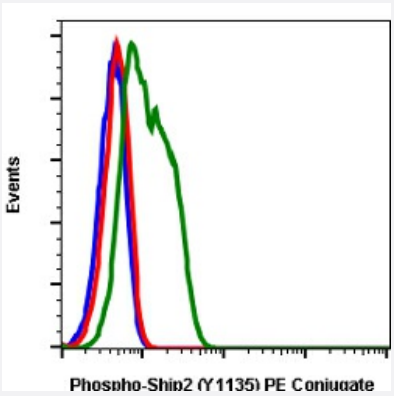
RecomAb™

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

Catalog # RAB02983 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 IFNα IL-4 and pervanadate (green) using phospho-Ship2 (Tyr1135) antibody Ship2Y1135-1D2 PE conjugate.

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	PE
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