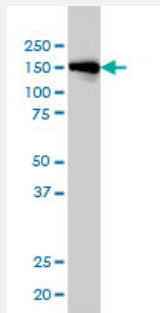


INPPL1 monoclonal antibody (M01), clone 3E6

Catalog # H00003636-M01

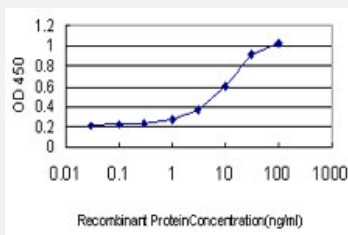
Size 100 ug

Applications



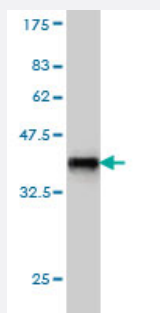
Western Blot (Cell lysate)

INPPL1 monoclonal antibody (M01), clone 3E6 Western Blot analysis of INPPL1 expression in HeLa (Cat # L013V1).



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged INPPL1 is approximately 0.1ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant INPPL1.

Immunogen	INPPL1 (NP_001558, 1159 a.a. ~ 1258 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	PSDYGRPLSFPPPRIRESIQEDLAEEAPCLQGGRASGLGEAGMSAWLRAIGLERYEEGLVHNGWDDLEFLSDITEEDLEEAGVQDPAHKRLLDLTLQLSK
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (98); Rat (98)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

INPPL1 monoclonal antibody (M01), clone 3E6 Western Blot analysis of INPPL1 expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged INPPL1 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — INPPL1

Entrez GeneID [3636](#)

GeneBank Accession#	NM_001567
Protein Accession#	NP_001558
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

Publication Reference

- [FBP17 and CIP4 recruit SHIP2 and lamellipodin to prime the plasma membrane for fast endophilin-mediated endocytosis.](#)

Chan Wah Hak L, Khan S, Di Meglio I, Law AL, Häsler SL, Quintaneiro LM, Ferreira APA, Krause M, McMahon HT, Boucrot E. Nature Cell Biology 2018 Sep; 20(9):1023.

Application: IS, WB, Monkey, BSC1 cells

Pathway

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

Disease

- [Adenocarcinoma](#)
- [Esophageal Neoplasms](#)

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