

Datasheet for ABIN953448
anti-MINPP1 antibody (C-Term)[Go to Product page](#)

2 Images

Overview

Quantity:	0.4 mL
Target:	MINPP1
Binding Specificity:	AA 369-348, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MINPP1 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 369-348 amino acids from the C-terminal region of Human MINPP1.
Isotype:	Ig Fraction
Specificity:	This antibody recognizes Human MINPP1 (C-term).
Purification:	Protein A column, followed by peptide affinity purification

Target Details

Target:	MINPP1
Alternative Name:	MINPP1 (MINPP1 Products)
Background:	This gene encodes multiple inositol polyphosphate phosphatase, an enzyme that removes 3-

Target Details

phosphate from inositol phosphate substrates. It is the only enzyme known to hydrolyze inositol pentakisphosphate and inositol hexakisphosphate. This enzyme also converts 2,3 bisphosphoglycerate (2,3-BPG) to 2-phosphoglycerate, an activity formerly thought to be exclusive to 2,3-BPG synthase/2-phosphatase (BPGM) in the Rapoport-Luebering shunt of the glycolytic pathway. Synonyms: 3, 4, 5)-tetrakisphosphate 3-phosphatase, 5)P(4) 3-phosphatase, Inositol (1, Ins(1, MIPP, Multiple inositol polyphosphate phosphatase 1, UNQ900/PRO1917

Molecular Weight: 55051 Da

Gene ID: 9562

NCBI Accession: [NP_001171588](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.25 mg/mL

Buffer: PBS containing 0.09 % (W/V) Sodium Azide as preservative

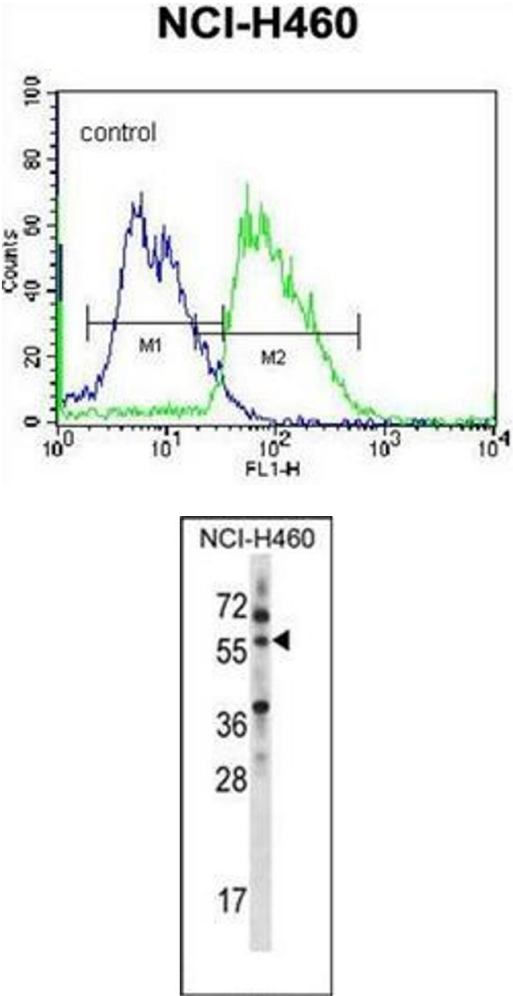
Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



Flow Cytometry

Image 1. Flow cytometric analysis of NCI-H460 cells using MINPP1 Antibody (C-term) Cat.-No AP52699PU-N (right histogram) compared to a negative control cell (left histogram). FITC-conjugated donkey-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of MINPP1 Antibody (C-term) in NCI-H460 cell line lysates (35ug/lane). This demonstrates the MINPP1 antibody detected the MINPP1 protein (arrow).