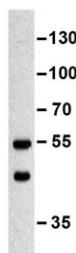


## MINPP1 Antibody (F54533)

Catalog No.	Formulation	Size
F54533-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54533-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

**Bulk quote request**

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit Ig
<b>Purity</b>	Antigen affinity purified
<b>UniProt</b>	Q9UNW1
<b>Localization</b>	Cytoplasmic
<b>Applications</b>	Western Blot : 1:500-1:2000 Flow Cytometry : 1:25 (1x10 <sup>6</sup> cells) Immunohistochemistry (FFPE) : 1:25
<b>Limitations</b>	This MINPP1 antibody is available for research use only.

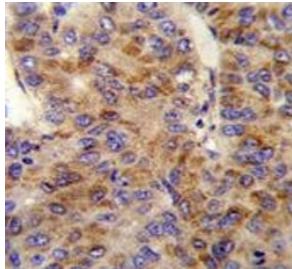


Western blot testing of murine erythroleukemia cell lysate with MINPP1 antibody.  
Predicted molecular weight ~55 kDa.

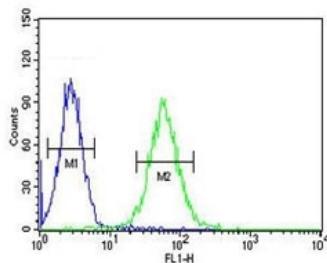
kDa

95  
72  
55  
34  
26

Western blot testing of human K562 cell lysate with MINPP1 antibody. Predicted molecular weight ~55 kDa



IHC testing of FFPE human hepatocarcinoma tissue with MINPP1 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of human K562 cells with MINPP1 antibody; Blue=isotype control, Green= MINPP1 antibody.

## Description

This gene encodes multiple inositol polyphosphate phosphatase; an enzyme that removes 3-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.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the MINPP1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 28-55 from the human protein was used as the immunogen for the MINPP1 antibody.

## Storage

Aliquot the MINPP1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

