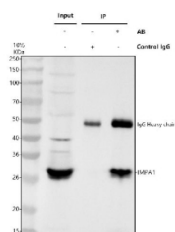


## IMPA1 Antibody / Inositol monophosphatase 1 (FY13287)

Catalog No.	Formulation	Size
FY13287	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml	100 ug

**Bulk quote request**

<b>Availability</b>	1-2 days
<b>Species Reactivity</b>	Human, Mouse, Rat
<b>Format</b>	Lyophilized
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na <sub>2</sub> HPO <sub>4</sub> .
<b>UniProt</b>	P29218
<b>Applications</b>	Western Blot : 0.25-0.5ug/ml Immunoprecipitation : 2-4ug/500ug of lysate Flow Cytometry : 1-3ug/million cells ELISA : 0.1-0.5ug/ml
<b>Limitations</b>	This IMPA1 antibody is available for research use only.



Immunoprecipitating IMPA1 in Jurkat whole cell lysate. Western blot analysis of IMPA1 using anti-IMPA1 antibody. Lane 1: Jurkat whole cell lysates (30ug), Lane 2: Rabbit control IgG instead of anti-IMPA1 antibody in Jurkat whole cell lysate, Lane 3: anti-IMPA1 antibody (2ug) + Jurkat whole cell lysate (500ug). After electrophoresis, proteins were transferred to a membrane. Then the membrane was incubated with rabbit anti-IMPA1 antibody at a dilution of 0.5 ug/ml and probed with a goat anti-rabbit IgG-HRP secondary antibody. The signal is developed using ECL Plus Western Blotting Substrate. A specific band was detected for IMPA1 at approximately 30 kDa. The expected molecular weight of IMPA1 is ~30 kDa.



Optimal dilution of the IMPA1 antibody should be determined by the researcher.

## Immunogen

E.coli-derived human IMPA1 recombinant protein (Position: M1-D277) was used as the immunogen for the IMPA1 antibody.

## Storage

After reconstitution, the IMPA1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.