

### Anti-PPM1B antibody ab70804

★★★★★ [1 Abreviews](#) [4 References](#) [2 Images](#)

#### Overview

<b>Product name</b>	Anti-PPM1B antibody
<b>Description</b>	Rabbit polyclonal to PPM1B
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, IP
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide within Human PPM1B aa 450 to the C-terminus. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please <b><a href="#">contact</a></b> our Scientific Support team to discuss your requirements. Database link: <b><a href="#">O75688</a></b>
<b>Positive control</b>	Whole cell lysate from HeLa, 293T and Jurkat cells.
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

#### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: 0.1% BSA, Tris buffered saline
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab70804 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (1)	1/2000 - 1/10000. Detects a band of approximately 53 kDa (predicted molecular weight: 53 kDa).
IP		Use at 2-5 µg/mg of lysate.

## Target

### Function

Enzyme with a broad specificity. Dephosphorylates CDK2 and CDK6 in vitro.

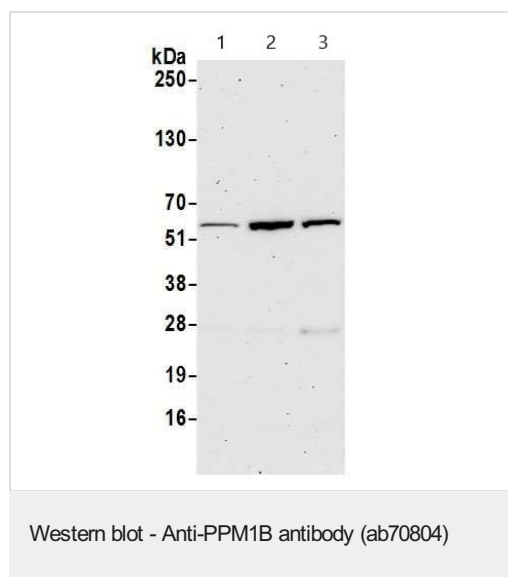
### Tissue specificity

Highly expressed in heart and skeletal muscle.

### Sequence similarities

Belongs to the PP2C family.

## Images



**All lanes :** Anti-PPM1B antibody (ab70804) at 0.04 µg/ml

**Lane 1 :** Jurkat (human T cell leukemia cell line from peripheral blood) whole cell lysate

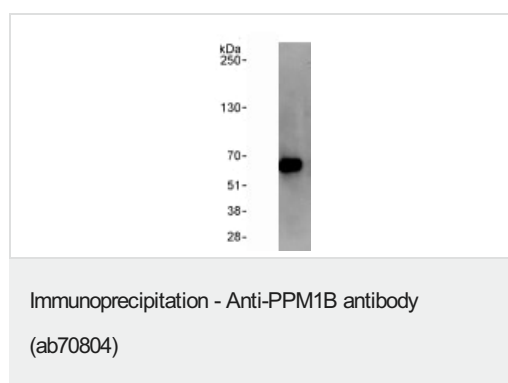
**Lane 2 :** A549 (human lung carcinoma cell line) whole cell lysate

**Lane 3 :** HEK-293T (human epithelial cell line from embryonic kidney transformed with large T antigen) whole cell lysate

Lysates/proteins at 50 µg per lane.

**Predicted band size:** 53 kDa

**Exposure time:** 75 seconds



Detection of PPM1B by Western Blot of Immunoprecipitate.

1mg whole cell lysate from HeLa cells was immunoprecipitated using ab70804 at 3µg/mg of lysate. for the subsequent western blot, 20% of the immunoprecipitate was probed with ab70804 at 1µg/ml. Detection: chemiluminescence with exposure time of 10 seconds.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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