

## Anti-PDP1 Antibody (4B386)

## Product Details

Ig Type:	IgG/Kappa
Reactivity:	Human (predicted:Mouse,Rat)
Clone:	4B386
Purification:	Protein A purified

## Applications

Verified Activity:	1. Cell line: U87-MG
	Fixative: 100% Ice-cold methanol
	Permeabilization: 0.1% TritonX-100
	Primary ab dilution: 1:50
	Primary incubation condition: 4°C overnight
	Secondary ab: Goat Anti-Rabbit IgG
	Nuclear counter stain: DAPI (Blue)
	Comment: Color green is the positive signal for TMAB-10145
	2. Blocking buffer: 5% NFDN/TBST
	Primary ab dilution: 1:1000
	Primary ab incubation condition: 2 hours at room temperature
	Secondary ab: Goat Anti-Rabbit IgG H&L (HRP)
	Lysate: U87MG, SK-OV-3, PC-3, 3T3
	Protein loading quantity: 20 µg
Exposure time: 60 s	
Predicted MW: 55 kDa	
Observed MW: 55 kDa	
Application:	WB,ICC/IF
Recommended	WB: 1:500-1000; ICC/IF: 1:100-500

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

## Antigen Details

Gene ID:	54704
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## Research Background

PPM2C is a protein similar to members of the protein phosphatase 2C (PP2C) family. It is a catalytic subunit of the mitochondrial matrix phosphatase and is involved in reactivation of the pyruvate dehydrogenase complex.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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