

Recombinant Phospho-PTP1B (Ser352) Monoclonal Antibody

catalog number: AN302077L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

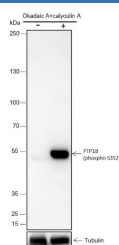
Description

Reactivity	Human;
Immunogen	Phosphorylated human PTP1B (Ser352) peptide
Host	Rabbit
Isotype	IgG, κ
Clone	A801
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications Recommended Dilution

WB	1:500-1:2000
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Data



Western Blot with Phospho-PTP1B (Ser352) Monoclonal Antibody at dilution of 1:2000. (-): HeLa, (+): HeLa+ Okadaic acid + calyculin A (100nM, 60min)

Observed-MW:50 kDa

Calculated-MW:50 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

PTP1B is a tyrosine-protein phosphatase which acts as a regulator of endoplasmic reticulum unfolded protein response and mediates dephosphorylation of EIF2AK3/PERK; inactivating the protein kinase activity of EIF2AK3/PERK. During metaphase, PTP1B is phosphorylated by protein kinase C (PKC) at S352, which is also phosphorylated in response to osmotic stress, but do not markedly change PTP1B activity.

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