Recombinant Phospho-PTP1B (Ser386) Monoclonal Antibody

catalog number: **AN301643L**

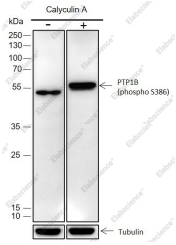
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	Recombinant human Phospho-PTP1B (Ser386) fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C371266
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:500-1:2000
IF	1:50

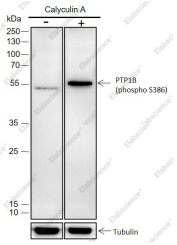
Data



Western Blot with Phospho-PTP1B (Ser386) Monoclonal Antibody at dilution of 1:2000. (-): 293T, (2): 293T+ calyculin A (100nM, 60min)

Observed-MW:50 kDa

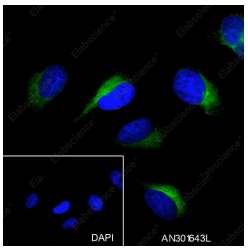
Calculated-MW:50 kDa



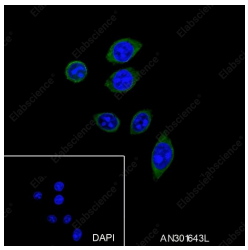
Western Blot with Phospho-PTP1B (Ser386) Monoclonal Antibody at dilution of 1:2000. (-): Jurkat, (2): Jurkat + Okadaic A+ calyculin A (100nM, 30min)

Observed-MW:50 kDa

Calculated-MW:50 kDa



Immunofluorescent analysis of (100% Ice-cold methanol) fixed HeLa cells using anti-Phospho-PTP1B (Ser386) Monoclonal Antibody at dilution of 1:50.



Immunofluorescent analysis of (100% Ice-cold methanol) fixed SW480 cells using anti-Phospho-PTP1B (Ser386) Monoclonal Antibody at dilution of 1:50.

Preparation & Storage

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

Background

Toll-free: 1-888-852-8623
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Web: www.elabscience.com
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Tyrosine-protein phosphatase which acts as a regulator of endoplasmic reticulum unfolded protein response. Mediates dephosphorylation of EIF2AK3/PERK; inactivating the protein kinase activity of EIF2AK3/PERK. May play an important role in CKII- and p60c-src-induced signal transduction cascades. May regulate the EFNA5-EPHA3 signaling pathway which modulates cell reorganization and cell-cell repulsion. May also regulate the hepatocyte growth factor receptor signaling pathway through dephosphorylation of MET.