

# Phospho-PTP1B (Ser352) Rabbit mAb

Catalog # AP74964

## Product Information

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<b>Application</b>	WB, IP, ICC
<b>Primary Accession</b>	<a href="#">P18031</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Calculated MW</b>	49967

## Additional Information

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<b>Gene ID</b>	5770
<b>Other Names</b>	PTPN1
<b>Dilution</b>	WB~~1/500-1/1000 IP~~N/A ICC~~N/A
<b>Format</b>	Liquid

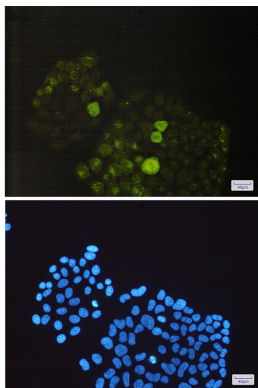
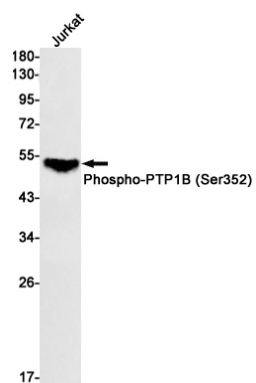
## Protein Information

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<b>Name</b>	PTPN1
<b>Synonyms</b>	PTP1B
<b>Function</b>	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.
<b>Cellular Location</b>	Endoplasmic reticulum membrane; Peripheral membrane protein; Cytoplasmic side Note=Interacts with EPHA3 at the cell membrane
<b>Tissue Location</b>	Expressed in keratinocytes (at protein level).

## Images

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