

## Anti-SHP1 Mouse mAb

Purified Mouse Monoclonal Antibody

Catalog # M010549

### Product Information

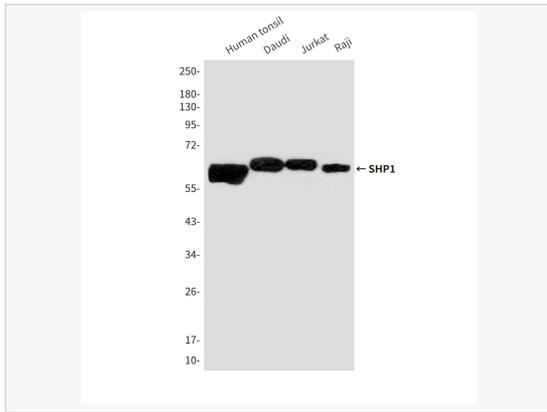
Application	WB, IP, ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000; IP 1:20
Host	Mouse
Clonality	Monoclonal
Clone No.	53M79M38
Isotype	IgG2a
Label	Unconjugated
Immunogen	Purified recombinant human SHP-1 protein fragments expressed in E.coli.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Affinity Purified.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-SHP1 antibody [53M79M38] is for research use only and not for use in diagnostic or therapeutic procedures.

### Protein Information

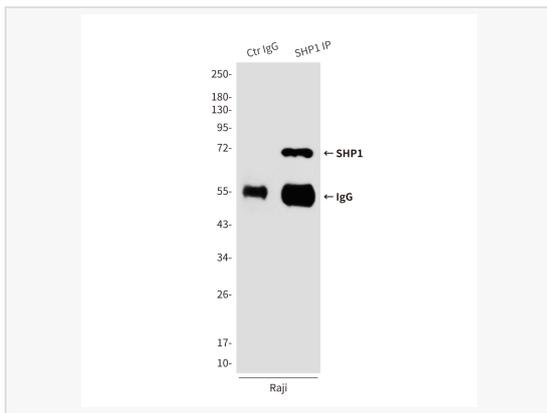
Synonyms	PTPN6, HCP, PTP1C, Tyrosine-protein phosphatase non-receptor type 6, Hematopoietic cell protein-tyrosine phosphatase, Protein-tyrosine phosphatase 1C, PTP-1C, Protein-tyrosine phosphatase SHP-1, SH-PTP1.
Calculated MW	Calculated MW: 68 kDa; Observed MW: 68 kDa
Uniprot ID	P29350
Gene ID	5777
Background	The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation.

## Validation Images

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Western blot analysis of SHP1 in Human tonsil, Daudi, Jurkat and Raji lysates using SHP1 antibody [53M79M38].



Immunoprecipitation analysis of SHP1 in Raji lysates using SHP1 antibody [53M79M38].