

## SHP-1 Mouse mAb (AM10016)

### Key Features

|               |                 |
|---------------|-----------------|
| Host Species: | Mouse           |
| Reactivity:   | Human           |
| Applications: | WB,IP           |
| MW:           | 68kD (Observed) |

### Recommended Dilution Ratios

|     |        |
|-----|--------|
| WB: | 1:1000 |
|-----|--------|

|         |   |
|---------|---|
| Storage | -15°C to -25°C/1 year (Do not lower than -25°C) |
|---------|---|

### Basic Information

|           |            |
|-----------|------------|
| Clonality | Monoclonal |
|-----------|------------|

### Immunogen Information

|             |  |
|-------------|--|
| Specificity | This antibody detects endogenous levels of SHP-1 and does not cross-react with related proteins. |
|-------------|--|

### Target Information

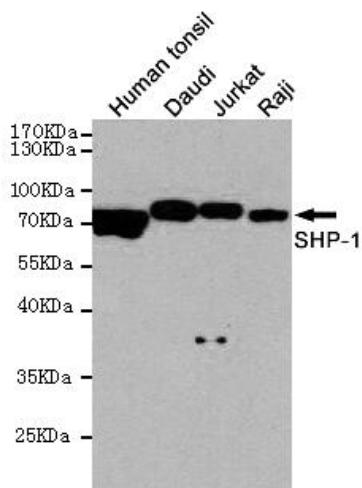
|           |       |
|-----------|-------|
| Gene name | ptpn6 |
|-----------|-------|

| Organism | Gene ID | UniProt ID |
|----------|---------|------------|
| Human    | 5777    | P29350     |
| Mouse    |         | P29351     |

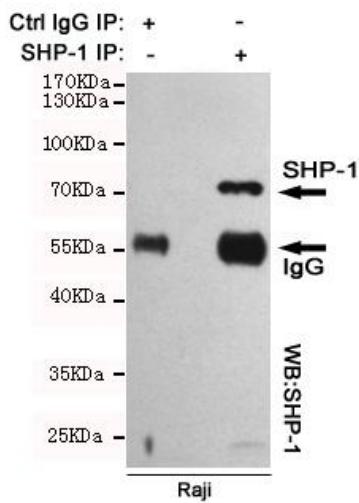
|                       |   |
|-----------------------|---|
| Cellular Localization | Cytoplasm. Nucleus. In neurons, translocates into the nucleus after treatment with angiotensin II (By similarity). Shuttles between the cytoplasm and nucleus via its association with PDPK1. |
|-----------------------|---|

|                    |   |
|--------------------|---|
| Tissue specificity | Isoform 1 is expressed in hematopoietic cells. Isoform 2 is expressed in non-hematopoietic cells. |
|--------------------|---|

## Validation Data



Western blot detection of SHP-1 in Human tonsil, Daudi, Jurkat and Raji cell lysates using SHP-1 mouse mAb (1:1000 diluted). Predicted band size: 67 KDa. Observed band size: 67 KDa.



Immunoprecipitation analysis of Raji cell lysates using SHP-1 mouse mAb.

For Research Use Only