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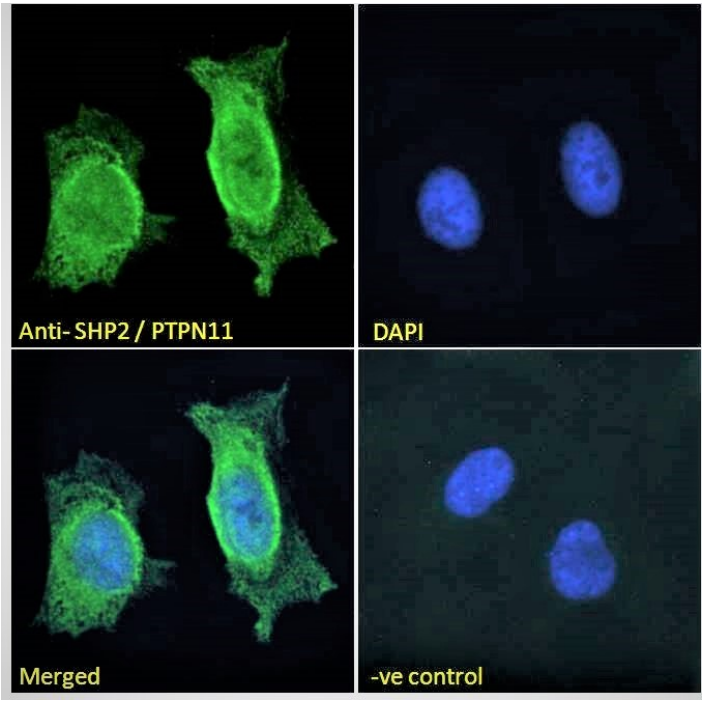
# GOAT ANTI-SHP2 / PTPN11 ANTIBODY

**SKU:** EB05114




## SPECIFICATIONS

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| **Formulation** | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. |
| **Unit Size** | 100 µg |
| **Storage Instructions** | Aliquot and store at -20°C. Minimize freezing and thawing. |
| **Synonym / Alias Names** | protein tyrosine phosphatase-2\|MGC14433\|protein tyrosine phosphatase, non-receptor type 11\|protein-tyrosine phosphatase 2C\|Noonan syndrome 1\|SH-PTP3\|SH-PTP2\|PTP-1D\|SHP-2\|PTP2C\|BPTP3\|NS1\|CFC\|protein tyrosine phosphatase, non-receptor type 11 (Noonan syndrome 1)\|SHP2\|PTPN11 |
| **Usage Summary** | Immunofluorescence: Strong expression of the protein seen in the nuclei and cytoplasm of HeLa cells. Recommended concentration: 10µg/ml. Flow Cytometry: Flow cytometric analysis of A431 cells. Recommended concentration: 10ug/ml. |
| **Accession ID** | NP_002825.3; NP_001317366.1 |
| **Blocking Peptide** | EBP05114 |
| **Immunogen** | Peptide with sequence C-YENVGLMQQQKSFR, from the C Terminus of the protein sequence according to NP_002825.3; NP_001317366.1. |

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|---|---|
| **Peptide Sequence** | C-YENVGLMQQQKSFR |
| **Purification Method** | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide. |
| **Shipping Instructions** | Refrigerated |
| **Predicted Species** | Human, Mouse, Rat, Pig, Cow |
| **Reactive Species** | Human |
| **Human Gene ID** | 5781 |
| **Mouse Gene ID** | 19247 |
| **Rat Gene ID** | 25622 |
| **Product Grade** | https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png |
| **ELISA Detection Limit** | Antibody detection limit dilution 1:128000. |
| **Western Blot** | Approx 70kDa band observed in Human Muscle lysates (calculated MW of 68.0kDa according to NP_002825.3). Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature. |
| **Application Type** | Pep-ELISA, WB, IF, FC |

# DOCUMENTS

- Data Sheet

# GALLERY IMAGES

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