

## Product datasheet for **TS434166P5**

### SHP2 (PTPN11) CytoSection

#### Product data:

|                                       |                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:                         | CytoSections                                                                                                                                                                                                                                                                                                                      |
| Description:                          | Transient overexpression of PTPN11, transcript variant 2, in HEK293T cells, FFPE control for IHC, ICC and ISH staining, 25 slides per pack                                                                                                                                                                                        |
| Species:                              | Human                                                                                                                                                                                                                                                                                                                             |
| Expression Host:                      | HEK293T                                                                                                                                                                                                                                                                                                                           |
| Expression cDNA Clone or AA Sequence: | TrueORF Clone RC234166                                                                                                                                                                                                                                                                                                            |
| Tag:                                  | C-MYC/DDK                                                                                                                                                                                                                                                                                                                         |
| Detection Antibodies:                 | DDK Rabbit monoclonal antibody, recognizing both N- and C-terminal tags (TA592569)                                                                                                                                                                                                                                                |
| Target Detection Antibodies:          | SHP2 (PTPN11) Mouse Monoclonal Antibody [Clone ID: OT11F7] (TA501914)                                                                                                                                                                                                                                                             |
| ACCN:                                 | <a href="#">NM_080601</a> , <a href="#">NP_542168</a>                                                                                                                                                                                                                                                                             |
| Synonyms:                             | BPTP3; CFC; JMML; METCDS; NS1; PTP-1D; PTP2C; SH-PTP2; SH-PTP3; SHP2                                                                                                                                                                                                                                                              |
| Storage:                              | Room Temperature                                                                                                                                                                                                                                                                                                                  |
| Stability:                            | Slides are guaranteed for a year from the date of receipt if proper storage instructions were followed.                                                                                                                                                                                                                           |
| Preparation:                          | HEK293T cells were transiently transfected with TrueORF cDNA plasmid. Transfected cells were cultured for 48hrs. After harvesting, the cultured cells were fixed in formalin & dehydrated before embedding in paraffin. 5 µm sections of the FFPE cell pellet blocks are cut and mounted on positively charged SuperFrost slides. |
| Note:                                 | This product is for research use only and is not approved for use in humans or in clinical diagnosis.                                                                                                                                                                                                                             |
| RefSeq:                               | <a href="#">NP_542168</a>                                                                                                                                                                                                                                                                                                         |
| Locus ID:                             | 5781                                                                                                                                                                                                                                                                                                                              |
| Cytogenetics:                         | 12q24.13                                                                                                                                                                                                                                                                                                                          |
| Protein Families:                     | Druggable Genome, Phosphatase                                                                                                                                                                                                                                                                                                     |



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**Protein Pathways:**

Adipocytokine signaling pathway, Chronic myeloid leukemia, Epithelial cell signaling in Helicobacter pylori infection, Jak-STAT signaling pathway, Leukocyte transendothelial migration, Natural killer cell mediated cytotoxicity, Neurotrophin signaling pathway, Renal cell carcinoma