

## Anti-PSMA4 antibody (1-261) (STJ25173)

STJ25173

### GENERAL INFORMATION

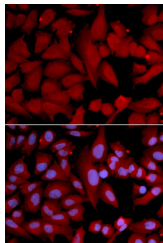
|                          |                    |
|--------------------------|--------------------|
| <b>Product Type</b>      | Primary antibodies |
| <b>Short Description</b> |                    |
| <b>Applications</b>      | WB/IF/ICC/IP/ELISA |
| <b>Host/Source</b>       | Rabbit             |
| <b>Reactivity</b>        | Human/Mouse/Rat    |

### PRODUCT PROPERTIES

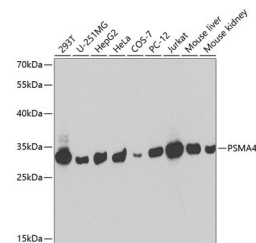
|                      |                                                                                                                                    |
|----------------------|------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>     | Polyclonal                                                                                                                         |
| <b>Clone ID</b>      |                                                                                                                                    |
| <b>Concentration</b> | Lot specific                                                                                                                       |
| <b>Conjugation</b>   | Unconjugated                                                                                                                       |
| <b>Purification</b>  | Affinity purification                                                                                                              |
| <b>Dilution</b>      | WB:1:500-1:2000                                                                                                                    |
| <b>Range</b>         | IF/CC:1:50-1:200                                                                                                                   |
|                      | IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells                                                          |
|                      | ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements |
| <b>Formulation</b>   | PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.                                                                                 |
| <b>Isotype</b>       | IgG                                                                                                                                |
| <b>Storage</b>       | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                     |
| <b>Instruction</b>   |                                                                                                                                    |

### TARGET INFORMATION

|                           |                                                                                                                                                                                                                                                               |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 5685                                                                                                                                                                                                                                                          |
| <b>Gene Symbol</b>        | PSMA4                                                                                                                                                                                                                                                         |
| <b>Uniprot ID</b>         | PSA4_HUMAN                                                                                                                                                                                                                                                    |
| <b>Immunogen</b>          |                                                                                                                                                                                                                                                               |
| <b>Immunogen Region</b>   | 1-261                                                                                                                                                                                                                                                         |
| <b>Specificity</b>        | Recombinant fusion protein containing a sequence corresponding to amino acids 1-261 of human PSMA4 (NP_001096137.1).                                                                                                                                          |
| <b>Immunogen Sequence</b> | MSRRYDSRTTIFSPGRLYQ VYAMEAIGHAGTCLGILAN DGVLLAAERRNIHKLLDEVF FSEKIYKLNEDMACSVAGIT<br>SDANVLTNELRLIAQRYLLQ YQEPICPEQLVTALCDIKQA YTFGGKRPFGVSLLYIGWD KHYGFQLYQSDPSGNYGGWK<br>ATCIGNNSAAAVSMLKQDYK EGEMTLKSALALAIVLNKT MDVSKLSAEKVEIATLTREN GKTIVIRVLKQKEVEQLIKK |



Immunofluorescence analysis of U2OS cells using PSMA4 Rabbit polyclonal antibody (STJ25173). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of various lysates using PSMA4 Rabbit polyclonal antibody (STJ25173) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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