

## Anti-PSMA1 antibody (1-263) (STJ25170)

STJ25170

### GENERAL INFORMATION

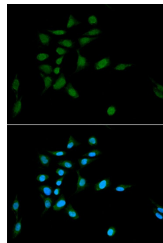
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IF/ICG/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

### PRODUCT PROPERTIES

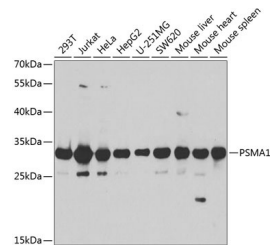
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution</b>	WB:1:500-1:2000
<b>Range</b>	IF/ICG:1:10-1:100
	ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration 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 Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

<b>Gene ID</b>	5682
<b>Gene Symbol</b>	PSMA1
<b>Uniprot ID</b>	PSA1_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	1-263
<b>Specificity</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-263 of human PSMA1 (NP_002777.1).
<b>Immunogen Sequence</b>	MFRNQYDNDVTWSPQGRH QIEYAMEAVKQGSATVGLKS KTHAVLVALKRAQSELAHQ KKLHVDNHIGISAGLTAD ARLLCNFMRQECLDSRFVFD RPLPVSRLVSLIGSKTQIPT QRYGRRPYGVGLLIAGYDDM GPHIFQTCPSANYFDCRAMS IGARSQSARTYLERHMSEFM ECNLNELVKHGLRALRETLP AEQDLTKNVSIGIVGKDL EFTIYDDDDVSPFLEGLEER



Immunofluorescence analysis of U2OS cells using PSMA1 antibody (STJ25170) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of extracts of various cell lines, using PSMA1 antibody (STJ25170) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000896) 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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