

**Anti-PSMA2 antibody (1-100) [S7MR] (STJ11102447)**  
STJ11102447

**GENERAL INFORMATION**

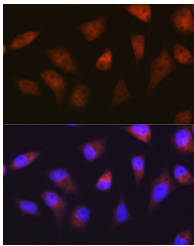
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	
<b>Applications</b>	WB/IHC-P/IF/ICC/ELISA
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human/Mouse/Rat

**PRODUCT PROPERTIES**

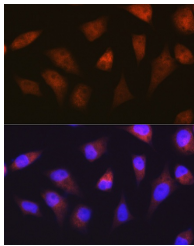
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	S7MR
<b>Concentration</b>	Lot specific
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB:1:500-1:2000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
<b>Formulation</b>	PBS with 0.02% Sodium Azide, 0.05% BSA, 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**

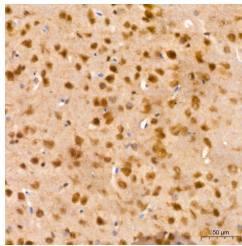
<b>Gene ID</b>	5683
<b>Gene Symbol</b>	PSMA2
<b>Uniprot ID</b>	PSA2_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	1-100
<b>Specificity</b>	Recombinant fusion protein containing a sequence corresponding to amino acids 1-100 of human PSMA2 (P25787).
<b>Immunogen Sequence</b>	MAERGYSFSLTTFSPSGKLV QIEYALAAVAGGAPSVGIKA ANGVVLATEKKQKSILYDER SVHKVEPI TKHIGLVYSGMG PDYRVLVHRARKLAQQYYLV



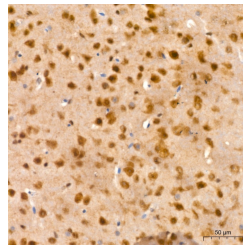
Western blot analysis of extracts of various cell lines, using PSMA2 rabbit monoclonal antibody (STJ11102447) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Immunofluorescence analysis of HeLa cells using PSMA2 Rabbit monoclonal antibody (STJ11102447) at dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunohistochemistry of paraffin-embedded rat brain using PSMA2 rabbit monoclonal antibody (STJ11102447) at dilution of 1:100 (40x lens).



Immunohistochemistry analysis of PSMA2 in paraffin-embedded mouse brain tissue using PSMA2 Rabbit monoclonal antibody (STJ11102447) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to immunohistochemistry staining.

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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