



# PSM mouse mAb

<b>Catalog No</b>	BYmab-15718
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB
<b>Gene Name</b>	FOLH1 FOLH NAALAD1 PSM PSMA GIG27
<b>Protein Name</b>	PSM
<b>Immunogen</b>	Synthesized peptide derived from human PSM AA range: 571-620
<b>Specificity</b>	This antibody detects endogenous levels of Human PSM
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source</b>	Monoclonal, Mouse,IgG
<b>Purification</b>	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	Glutamate carboxypeptidase 2 (EC 3.4.17.21;Cell growth-inhibiting gene 27 protein;Folate hydrolase 1;Folylpoly-gamma-glutamate carboxypeptidase;FGCP;Glutamate carboxypeptidase II;GCPII;Membrane glutamate carboxypeptidase;mGCP;N-acetylated-alpha-linked acidic dipeptidase I;NAALADase I;Prostate-specific membrane antigen;PSM;PSMA;Pteroylpoly-gamma-glutamate carboxypeptidase)
<b>Observed Band</b>	
<b>Cell Pathway</b>	Cell membrane ; Single-pass type II membrane protein .; [Isoform PSMA']: Cytoplasm .
<b>Tissue Specificity</b>	Highly expressed in prostate epithelium. Detected in urinary bladder, kidney, testis, ovary, fallopian tube, breast, adrenal gland, liver, esophagus, stomach, small intestine, colon and brain (at protein level). Detected in the small intestine, brain, kidney, liver, spleen, colon, trachea, spinal cord and the capillary endothelium of a variety of tumors. Expressed specifically in jejunum brush border membranes. In the brain, highly expressed in the ventral striatum and brain stem. Also expressed in fetal liver and kidney. Isoform PSMA' is the most abundant form

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in normal prostate. Isoform PSMA-1 is the most abundant form in primary prostate tumors. Isoform PSMA-3 is also found in normal prostate as well as in brain and liver. Isoform PSMA-9 is specifically expressed in prostate cancer.

#### Function

#### Background

**matters needing attention** Avoid repeated freezing and thawing!

**Usage suggestions** This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## Products Images

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