



## PMSA Mouse Monoclonal Antibody(1F12)

Catalog TDY1054C TDY1054F

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Quantity 50μL 100μL

Entrez-Gene ID#2346 , Swiss-Prot Acc.#Q04609

**For research use only.**

Applications	Species Cross-Reactivity	Molecular Weight	Isotype
IHC	H,R,M	100KD	IgG1

**Storage Buffer & Condition:** PBS, pH 7.4, containing 0.02% **sodium azide** as Preservative and 50% Glycerol.  
Store at **-20°C**. **Do not aliquot the antibody.**

**Recommended dilutions:** IHC: 1:100-200**Optimal dilutions should be determined by the end user.****Specificity:** Antibody can detects endogenous PSMA protein.**Alternative Names:** Prostate-Specific membrane antigen, FOLH1, NAALAD1, PSM. GLG27

**Background:** Folate hydrolase 1(FOLH1) Homo sapiens This gene encodes a type II transmembrane glycoprotein belonging to the M28 peptidase family. The protein acts as a glutamate carboxypeptidase on different alternative substrates, including the nutrient folate and the neuropeptide N-acetyl-L-aspartyl-L-glutamate and is expressed in a number of tissues such as prostate, central and peripheral nervous system and kidney. A mutation in this gene may be associated with impaired intestinal absorption of dietary folates, resulting in low blood folate levels and consequent hyperhomocysteinemia.