

Prostate Specific Membrane Antigen (12E12) Rabbit Monoclonal Antibody

Catalog# UZ-MA03791

Product information

产品货号	UZ-MA03791
别名	PSM; FGCP; FOLH; GCP2; PSMA; mGCP; GCPII; NAALAD1; NAALAdase
产品名称	Prostate Specific Membrane Antigen (12E12) Rabbit Monoclonal Antibody
类别	抗体产品
推荐应用	WB,IF-ICC,FCM,IP
反应种属	Human
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
免疫原	A synthetic peptide of human Prostate Specific Membrane Antigen
稀释度	WB 1:1000, IF-ICC 1:50, FCM 1:20, IP 1:20
参考分子量	100kDa
预测分子量	84kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
背景介绍	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. Expression of this protein in the brain may be involved in a number of pathological conditions associated with glutamate excitotoxicity. In the prostate the protein is up-regulated in cancerous cells and is used as an effective diagnostic and prognostic indicator of prostate cancer. This gene likely arose from a duplication event of a nearby chromosomal region. Alternative splicing gives rise to multiple transcript variants encoding several different isoforms. [provided by RefSeq, Jul 2010]
纯化	Affinity Purification
Uniprot ID	Q04609
Clonality	Monoclonal