

产品名称: PSMA Mouse Monoclonal Antibody
产品货号: AMM82021



产品概述 (Summary)

产品名称 (Production Name)	PSMA Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,ELISA,FC
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG1
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	PSMA
别名 (Alternative Names)	FOLH1; PSM; FGCP; FOLH; GCP2; mGCP; GCPII; NAALAD1; NAALAdase
基因 ID (Gene ID)	2346.0
蛋白 ID (SwissProt ID)	Q04609.Purified recombinant fragment of human PSMA (AA: extra 44-177) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	84.3kDa

研究背景 (Background)

This gene encodes a type II transmembrane glycoprotein belonging to the M28 peptidase family. The protein acts as a

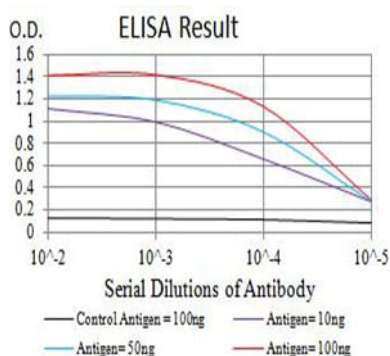
产品名称: PSMA Mouse Monoclonal Antibody
产品货号: AMM82021



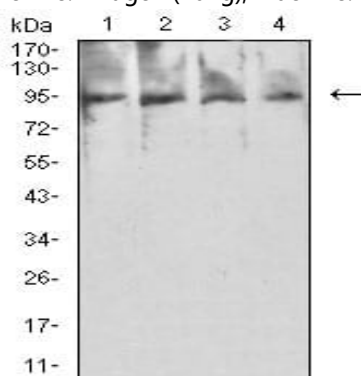
glutamate carboxypeptidase on different alternative substrates, including the nutrient folate and the neuropeptide N-acetyl-L-aspartyl-L-glutamate and is expressed in a number of tissues such as prostate, central and peripheral nervous system and kidney. A mutation in this gene may be associated with 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.

研究领域 (Research Area)

图片 (Image Data)

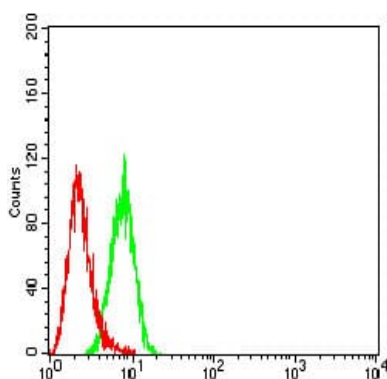


Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



Western blot analysis using PSMA mouse mAb against Hela (1), MCF-7 (2), HCT116 (3), and GC-7901 (4) cell lysate.

产品名称: PSMA Mouse Monoclonal Antibody
产品货号: AMM82021



Flow cytometric analysis of Hela cells using PSMA mouse mAb (green) and negative control (red).

注意事项 (Note)

For research use only .