

Mouse anti-Human FOLH1 / PSMA Monoclonal Antibody | anti-FOLH1 antibody

Mouse Monoclonal [clone K1H7] (IgG1,k) to Human FOLH1 / PSMA

CATALOG # AAA51814	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot, Immunohistochemistry
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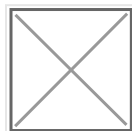
PRODUCT SYNONYMS

FOLH1 / PSMA; Monoclonal Antibody; Mouse Monoclonal [clone K1H7] (IgG1; k) to Human FOLH1 / PSMA; Anti-FOLH1 / PSMA Antibody (aa117-351; clone K1H7) IHC-plus; FOLH1; Folate hydrolase 1; GCP2; Glutamate carboxypeptidase II; Folate hydrolase; GCP2; NAALAD1; NAALAdase; NAALADase I; PSM; FGCP; FOLH; Glutamate carboxylase II; Glutamate carboxypeptidase 2; MGCP; PSMA; Human FOLH1; anti-FOLH1 antibody

PRODUCT SPECIFICATIONS

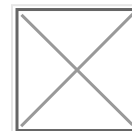
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	K1H7
Purity/Purification	Protein G Purified
Form/Format	PBS, pH 7.4, 0.1% sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	750
Applicable Applications for anti-FOLH1 antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Recombinant human PSMA (117-351aa) purified from E Coli.
Immunogen Type	Recombinant protein
Immunogen	FOLH1 / PSMA antibody was raised against recombinant human PSMA (117-351aa) purified from E Coli.
Antigen Modification	aa117-351
Preparation and Storage	Long term: -20 degree C; Short term: +4 degree C; Avoid freeze-thaw cycles.

IMAGES



WB (Western Blot)

Cell lysates of LNCaP(30 ug) were resolved by SDS-PAGE, transferred to NC membrane and probed with anti-human PSMA (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.



IHC (Immunohistochemistry)

Anti-FOLH1 / PSMA antibody IHC of human prostate. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.



IHC (Immunohistochemistry)

Anti-FOLH1 / PSMA antibody IHC of human breast. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-FOLH1 antibody	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.
Product Categories/Family for anti-FOLH1 antibody	Subfamily: Metallopeptidase M28B

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758398
NCBI GeneID	2346
NCBI Accession #	NP_004467.1
NCBI GenBank Nucleotide #	NM_004476.1
UniProt Accession #	Q04609; O43748; Q16305; Q541A4; Q8TAY3; Q9NP15; A4UU12; A9CB79; B7Z312; B7Z343; D3DQS5; E9PDX8
Molecular Weight	50,090 Da
NCBI Official Full Name	glutamate carboxypeptidase 2 isoform 1
NCBI Official Synonym Full Names	folate hydrolase (prostate-specific membrane antigen) 1
NCBI Official Symbol	FOLH1
NCBI Official Synonym Symbols	PSM; FGCP; FOLH; GCP2; PSMA; mGCP; GCPII; NAALAD1; NAALadase
NCBI Protein Information	glutamate carboxypeptidase 2; NAALADase I; glutamate carboxylase II; glutamate carboxypeptidase II; membrane glutamate carboxypeptidase; cell growth-inhibiting gene 27 protein; folylpoly-gamma-glutamate carboxypeptidase; prostate specific membrane antigen variant F; pteroylpoly-gamma-glutamate carboxypeptidase; N-acetylated alpha-linked acidic dipeptidase 1; N-acetylated-alpha-linked acidic dipeptidase I
UniProt Protein Name	Glutamate carboxypeptidase 2
UniProt Gene Name	FOLH1
UniProt Synonym Gene Names	FOLH; NAALAD1; PSM; PSMA; FGCP; GCPII; mGCP; NAALADase I; PSM; PSMA
UniProt Entry Name	FOLH1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/folh1-psma-antibody-clone-k1h7-western-blot-immunohistochemistry-elisa/51814>