

Mouse FOLH1 Monoclonal Antibody | anti-FOLH1 antibody

FOLH1 antibody

CATALOG # AAA108021	HOST Mouse	APPLICATIONS Western Blot, Flow Cytometry, Functional Assay
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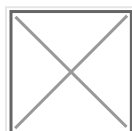
PRODUCT SYNONYMS

FOLH1; Monoclonal Antibody; FOLH1 antibody; Monoclonal FOLH1; Anti-FOLH1; FGCP; FOLH; GCP2; GCPII; mGCP; NAALAD1; NAALadase; PSM; PSMA; FOLH 1; FOLH-1; anti-FOLH1 antibody

PRODUCT SPECIFICATIONS

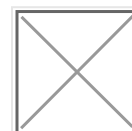
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	5C4
Purity/Purification	FOLH1 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	0.5-1 mg/ml (varies by lot)
Sequence Length	671
Applicable Applications for anti-FOLH1 antibody	WB (Western Blot), FCM/FACS (Flow Cytometry)
Biological Significance	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.
Cross-Reactivity	Human
Immunogen	FOLH1 antibody was raised in Mouse using full length human recombinant protein of human FOLH1 produced in HEK293T cell as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant FOLH1 protein (Right) or empty vector (Left) detected with FOLH1 antibody



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HEK293T cells transfected with either recombinant FOLH1 protein (red) or empty vector (blue) stained using FOLH1 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-FOLH1 antibody	Mouse monoclonal FOLH1 antibody
Product Categories/Family for anti-FOLH1 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	83318336
NCBI GeneID	2346
Molecular Weight	50,090 Da
NCBI Official Full Name	FOLH1 protein, partial
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
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-antibody-clone-5c4-western-blot-flow-cytometry-elisa/108021>