

Name: FOLH1 mouse monoclonal antibody, clone UMAB25

Catalog: UM500025

Product Data Sheet - UltraMAB

Gene Name: Homo sapiens folate hydrolase (prostate-specific membrane antigen) 1 (FOLH1), transcript variant 1
GeneBank accession: NM_004476
Isotype: IgG2b

Reactivity: Human , Dog , Rat , Monkey , Mouse
Test application: WB
Clone Name: Clone UMAB25

Gene Synonym: FGCP; FOLH; GCP2; GCPII; mGCP; NAALAD1; NAALAdase; PSM; PSMA

Validation Data:

Western Blot

Guaranteed Applications: IHC, 10K-CHIP

Suggested Dilutions: WB 1:500~2000, IF 1:100,

Immunogen: Full length human recombinant protein of human FOLH1(NP_004467) produced in HEK293T cell.

Components:

- FOLH1 mouse monoclonal antibody, clone UMAB25 (UM500025)

Amount:

UM500025 100ul

Concentration: 0.5~1.0 mg/ml (Lot Dependent)

Storage Condition: Shipped at 4C. Upon delivery store at -20C. Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

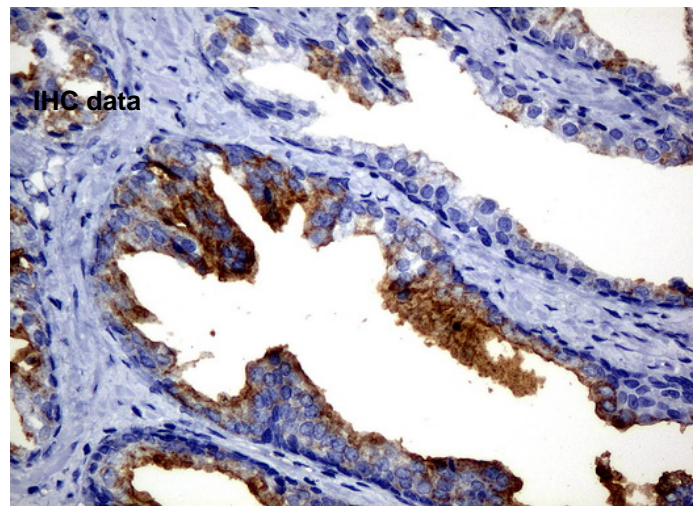
Buffer: PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

Purification:

Purified from mouse ascites fluids by affinity chromatography

Background:

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].



Immunohistochemical staining of paraffin-embedded Carcinoma of prostate tissue using anti-FOLH1 mouse monoclonal antibody. (Clone UMAB25, Dilution 1:100)

Related Product:

TrueORF cDNA clones
VERIFY Tagged Antigen lysates
HuSH-29 shRNA
Western Blot reagents
Anti-myc/DDK tag antibodies

* Peptide sequence of the DDK-tag (Flag®): N-DYKDDDDK-C Flag® is a registered trademark of Sigma-Aldrich

* More validation images may be available on our website:

<http://www.origene.com/antibody/UM500025.aspx>

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.