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## FOLH1 Recombinant Rabbit mAb

Catalog Number: bsm-60787R

Target Protein: FOLH1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Clone No.: B11A8

Isotype: IgG

Applications: IHC-P (1:20-100), IHC-F (1:20-100), IF (1:20-100)

Reactivity: Human

Predicted MW: 84 kDa

Subcellular Cell membrane ,Cytoplasm

Locations:

Entrez Gene: 2346

Swiss Prot: Q04609

Purification: affinity purified by Protein A

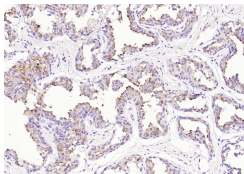
Storage: PBS, Glycerol, BSA.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**Background:** PMSA (FOLH1) is a type II transmembrane glycoprotein belonging to the M28 peptidase family. Three functionally distinct proteins are encoded, including folylpoly-gamma-glutamate carboxypeptidase in the intestine, N-acetylated alpha-linked acidic dipeptidase 1 in the brain, and prostate-specific membrane antigen in the prostate. A mutation in the intestinal form may be associated with impaired intestinal absorption of dietary folates, resulting in low blood folate levels and consequent hyperhomocysteinemia. The form expressed in the brain may be involved in a number of pathological conditions associated with glutamate excitotoxicity. The prostate form 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. Subunit : Homodimer.

### VALIDATION IMAGES

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Paraformaldehyde-fixed, paraffin embedded (Human prostate); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (FOLH1) Monoclonal Antibody, Unconjugated (bsm-60787R) at 1:100 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

## PRODUCT SPECIFIC PUBLICATIONS

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**[IF=6]** Qiong Wang. et al. A novel androgen-independent radiotracer with dual targeting of NTSR1 and PSMA for PET/CT imaging of prostate cancer. EUR J MED CHEM. 2025 Jan;282:117050 IHC ; Mouse . 39577227