

MTHFR Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA4313
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human MTHFR expressed in E. Coli.
Mol wt	75kDa
Species reactivity	Human,Rat
Clonality	Monoclonal
Recommended application	WB,IHC
Concentration	N/A
Full name	N/A
Synonyms	MTHFR

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by this gene catalyzes the conversion of 5,10-methylenetetrahydrofolate to 5-methyltetrahydrofolate, a co-substrate for homocysteine remethylation to methionine. Genetic variation in this gene influences susceptibility to occlusive vascular disease, neural tube defects, colon cancer and acute leukemia, and mutations in this gene are associated with methylenetetrahydrofolate reductase deficiency.

Recommended Dilution

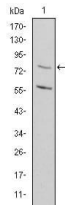
WB: 1:500 - 1:2000

IHC-p: 1:200 - 1:1000

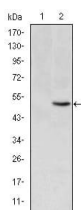
ELISA: 1:10000

Not yet tested in other applications.

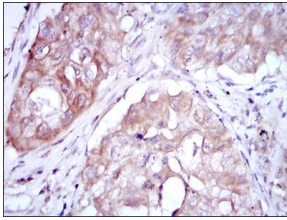
Images



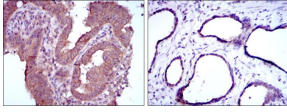
Western blot analysis using MTHFR mouse mAb against Rat Heart cell lysate.



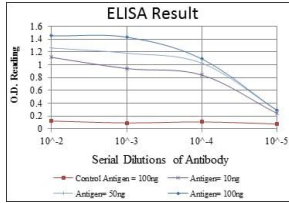
Western blot analysis using MTHFR mAb against HEK293 (1) and MTHFR(AA: 339-499)-hIgGfc transfected HEK293 (2) cell lysate.



Immunohistochemical analysis of paraffin-embedded lung cancer using MTHFR mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded intima cancer tissues (left) and prostate tissues (right) using MTHFR mouse mAb with DAB staining.



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

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com