
Product Name: MTHFR Rabbit Monoclonal Antibody**Catalog #: AMRe85808**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,ICC,IP
Reactivity	Human,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.63mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,ICC 1:50-1:200,IP 1:10-1:20
Molecular Weight	Calculated MW: 75 kDa; Observed MW: 75 kDa

Antigen Information

Gene Name	MTHFR
Alternative Names	MTHFR; Methylenetetrahydrofolate reductase
Gene ID	4524.0
SwissProt ID	P42898
Immunogen	Recombinant protein of human MTHFR

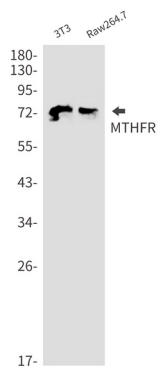
Background

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

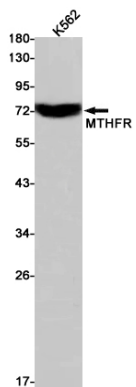
methylenetetrahydrofolate reductase deficiency.

Research Area

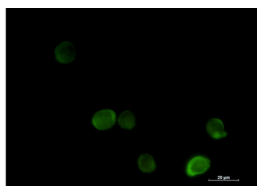
Image Data



Western blot analysis of MTHFR in 3T3, Raw264.7 lysates using MTHFR antibody.



Western blot analysis of MTHFR in K562 lysates using MTHFR antibody



Immunocytochemistry analysis of MTHFR (green) in K562 using MTHFR antibody, and DAPI (blue).

