

Summary

Production Name	MTHFR Rabbit Monoclonal Antibody
Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB, ICC/IF, IP
Reactivity	Human, Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Immunogen

Gene Name	MTHFR
Alternative Names	MTHFR; Methylenetetrahydrofolate reductase
Gene ID	4524
SwissProt ID	P42898.

Application

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

Background

Product Name: MTHFR Rabbit Monoclonal Antibody
Catalog #: AMRe02284

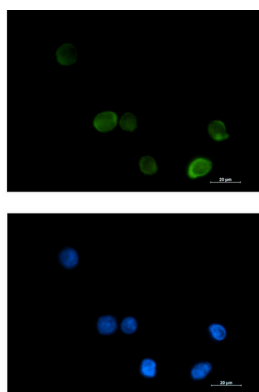


The protein encoded by this gene catalyzes the conversion of 5,10-methylenetetrahydrofolate to 5-methyltetrahydrofolate, a co-substrate for homocysteine remethylation to methionine. Genetic variation in this gene influences susceptibility to occlusive vascular disease, neural tube defects, colon cancer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

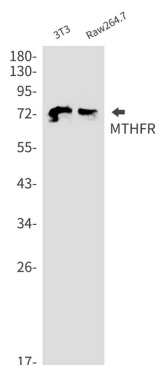
Research Area

Signal Transduction

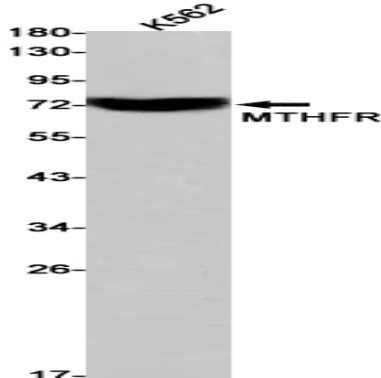
Image Data



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



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



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Western blot analysis of MTHFR in K562 lysates using MTHFR antibody

Note

For research use only.