

KD-Validated Anti-MTHFR Rabbit Monoclonal Antibody

Rabbit monoclonal Antibody

Catalog # AGI2206

Product Information

Application	WB, FC
Primary Accession	P42898
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Names	25GB190
Calculated MW	74597
Gene Name	MTHFR
Aliases	MTHFR; Methylenetetrahydrofolate Reductase; 5,10-Methylenetetrahydrofolate Reductase (NADPH); Methylenetetrahydrofolate Reductase (NAD(P)H); Methylenetetrahydrofolate Reductase (NADPH); EC 1.5.1.53; EC 1.5.1.20
Immunogen	Recombinant protein of human MTHFR

Additional Information

Gene ID	4524
Other Names	Methylenetetrahydrofolate reductase (NADPH), 1.5.1.53, MTHFR (HGNC:7436)

Protein Information

Name	MTHFR (HGNC:7436)
Function	Catalyzes the conversion of 5,10-methylenetetrahydrofolate to 5-methyltetrahydrofolate, a cosubstrate for homocysteine remethylation to methionine (PubMed: 29891918). Represents a key regulatory connection between the folate and methionine cycles (Probable).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.