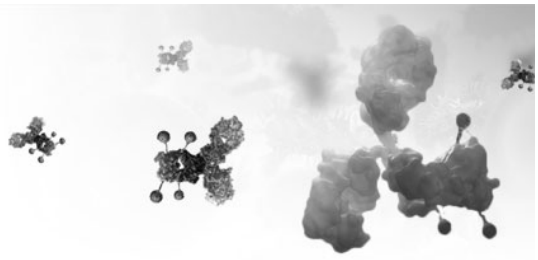

Anti-MTHFR monoclonal antibody, clone 6E4 (DCABH-12467)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Methylenetetrahydrofolate reductase (EC 1.5.1.20) catalyzes the conversion of 5,10-methylenetetrahydrofolate to 5-methyltetrahydrofolate, a cosubstrate for homocysteine remethylation to methionine.
Target	MTHFR
Immunogen	Recombinant protein corresponding to human MTHFR.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human, Rat
Clone	6E4
Conjugate	Unconjugated
Applications	Western Blot (Cell lysate); Western Blot (Transfected lysate); Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections); ELISA
Procedure	Cardiac markers Antibodies
Format	Liquid
Buffer	In ascites (0.03% sodium azide)
Preservative	0.03% Sodium Azide
Storage	Store at 4°C. For long term storage store at -20°C.Aliquot to avoid repeated freezing and thawing.

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Tel: 1-631-624-4882 Fax: 1-631-938-8221

Warnings	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

GENE INFORMATION

Gene Name	MTHFR methylenetetrahydrofolate reductase (NAD(P)H) [Homo sapiens]
Official Symbol	MTHFR
Synonyms	MTHFR; methylenetetrahydrofolate reductase (NAD(P)H); 5,10 methylenetetrahydrofolate reductase (NADPH); methylenetetrahydrofolate reductase; 5,10-methylenetetrahydrofolate reductase (NADPH);
Entrez Gene ID	4524
Protein Refseq	NP_005948
UniProt ID	P42898
Chromosome Location	1p36.3
Pathway	Fluoropyrimidine Activity, organism-specific biosystem; Folate Metabolism, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of folate and pterines, organism-specific biosystem; Metabolism of vitamins and cofactors, organism-specific biosystem; Metabolism of water-soluble vitamins and cofactors, organism-specific biosystem;
Function	methylenetetrahydrofolate reductase (NADPH) activity; methylenetetrahydrofolate reductase (NADPH) activity; modified amino acid binding; oxidoreductase activity;

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