

Recombinant

DGRmAb®

MTHFR (DGR11679) Rabbit mAb

db11457

Package : 10μL 20μL 50μL 100μL

Product Name : MTHFR (DGR11679) Rabbit mAb**Cat.No.:** db11457**Synonyms :** Methylene tetrahydrofolate reductase**Application :** WB, IHC-P, ICC/IF, IP**Reactivity :** Human, Mouse**Host species :** Rabbit**Background**

The protein encoded by this gene catalyzes the conversion of 5,10-methylene tetrahydrofolate to 5-methyl tetrahydrofolate, 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 methylene tetrahydrofolate reductase deficiency.[provided by RefSeq, Oct 2009]

Immunogen

Recombinant protein of human MTHFR

Gene ID

4524

Swiss Prot

P42898

Synonyms

Methylene tetrahydrofolate reductase

Reactivity

Human, Mouse

Application

WB, IHC-P, ICC/IF, IP

Recommended dilutionWB: 1:1000
IHC-P: 1:200-1:1000
ICC/IF: 1:100
IP: 1:20-1:50**Calculated MW**

75 kDa

Observed MW

75 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR11679

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.
	<ul style="list-style-type: none">□ Western blot detection of MTHFR in K562 cell lysates using MTHFR antibody(1:1000 diluted).□ Immunofluorescent analysis of K562 cells using db11457 antibody (green), and DAPI (blue).