



GOAT ANTI-MTHFD1 ANTIBODY

SKU: EB08489





SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage	
Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	methylenetetrahydrofolate dehydrogenase 1 methylenetetrahydrofolate dehydrogenase (NADP+ dependent), methenyltetrahydrofolate cyclohydrolase, formyltetrahydrofolate synthetase cytoplasmic C-1-tetrahydrofolate synthase NADP-dependent cyclohydrolase/formyltetrahydrofolate synthetase C1-THF synthase 5, 10-methylenetetrahydrofolate dehydrogenase, 5, 10-methylenetetrahydrofolate cyclohydrolase, 10-formyltetrahydrofolate synthetase MTHFD MTHFC methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 1, methenyltetrahydrofolate cyclohydrolase, formyltetrahydrofolate synthetase MTHFD1
Usage Summary	Immunofluorescence: Strong expression of the protein seen in the cytoplasm of MCF7 cells. Recommended concentration: 10µg/ml.
Accession ID	NP_005947.2; NP_001351766.1
Blocking Peptide	EBP08489
Immunogen	Peptide with sequence RGDLNDCFIPCTPK, from the internal region of the protein sequence according to NP_005947.2; NP_001351766.1.
Peptide Sequence	RGDLNDCFIPCTPK
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human, Mouse, Rat
Reactive Species	Human
Human Gene ID	4522
Mouse Gene ID	108156
Rat Gene ID	64300
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png
IHC Results	Paraffin embedded Human Liver. Recommended concentration: 3.75µg/ml.
ELISA Detection Limit	Antibody detection limit dilution 1:32000.
Western Blot	Approx. 100kDa band observed in lysates of cell lines Jurkat and MOLT4 and approx.110kDa in lysates of cell line MCF7 (calculated MW of 102kDa according to NP_005947.2). Recommended concentration: 1-3µg/ml. Primary incubation 1 hour at room temperature.



Application Type Pep-ELISA, WB, IHC, IF

DOCUMENTS

- [Data Sheet](#)

GALLERY IMAGES

