

## GOAT ANTI-MTHFD1 ANTIBODY

**SKU:** EB08489



## SPECIFICATIONS

|                              |  |
|------------------------------|--|
| <b>Formulation</b>           | Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.  |
| <b>Unit Size</b>             | 100 µg   |
| <b>Storage</b>               |  |
| <b>Instructions</b>          | Aliquot and store at -20°C. Minimize freezing and thawing.   |
| <b>Synonym / Alias Names</b> | 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 |
| <b>Usage</b>                 | <strong>Immunofluorescence:</strong> Strong expression of the protein seen in the cytoplasm of MCF7 cells.   |
| <b>Summary</b>               | Recommended concentration: 10µg/ml.  |
| <b>Accession ID</b>          | NP_005947.2; NP_001351766.1  |
| <b>Blocking Peptide</b>      | EBP08489   |
| <b>Immunogen</b>             | Peptide with sequence RGDLNDCFIPCTPK, from the internal region of the protein sequence according to NP_005947.2; NP_001351766.1.   |
| <b>Peptide Sequence</b>      | RGDLNDCFIPCTPK   |
| <b>Purification Method</b>   | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.  |
| <b>Shipping Instructions</b> | Refrigerated   |
| <b>Predicted Species</b>     | Human, Mouse, Rat  |
| <b>Reactive Species</b>      | Human  |
| <b>Human Gene ID</b>         | 4522   |
| <b>Mouse Gene ID</b>         | 108156   |
| <b>Rat Gene ID</b>           | 64300  |
| <b>Product Grade</b>         | <a href="https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png">https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/elite_plus_medium.png</a>  |
| <b>IHC Results</b>           | Paraffin embedded Human Liver. Recommended concentration: 3.75µg/ml.   |
| <b>ELISA</b>                 |  |
| <b>Detection Limit</b>       | Antibody detection limit dilution 1:32000.   |
| <b>Western Blot</b>          | 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

