

International Office

Everest Biotech Ltd

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

Customer Service:

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

Research Use Only. Not for diagnostic or therapeutic use.

EB11165 - Goat Anti-MTHFR (aa369-383) Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: 5,10-methylenetetrahydrofolate reductase (NADPH),

methylenetetrahydrofolate reductase, methylenetetrahydrofolate reductase (NAD(P)H),

OTTHUMP00000002367, OTTHUMP00000002373, MTHFR

Official Symbol: MTHFR

Accession Number(s): NP_005948.3

Human GeneID(s): 4524

Non-Human GenelD(s): 17769 (mouse), 362657 (rat)

Immunogen

Peptide with sequence C-SRPKSYIYRTQEWDE, from the internal region of the protein sequence according to NP_005948.3.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:8000.

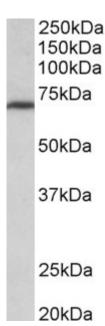
Western blot: Approx 70kDa band observed in lysates of cell line NIH3T3 (calculated MW of 74.6kDa according to Human NP_005948.3 and Mouse NP_034970.2).

Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow



EB11165 ($0.3\mu g/ml$) staining of NIH3T3 lysate ($35\mu g$ protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.