

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.

EB11790 - Goat Anti-MCTS1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: FLJ39637, malignant T cell amplified sequence 1, malignant T cell-amplified sequence 1, MCT1, MCT-1, MCTS1, multiple copies T-cell malignancies,

OTTHUMP00000023950, OTTHUMP00000023951

Official Symbol: MCTS1

Accession Number(s): NP_054779.1; NP_001131026.1

Human GeneID(s): 28985

Important Comments: This antibody is expected to recognize both reported isosoforms

(NP_054779.1; NP_001131026.1).

Immunogen

Peptide with sequence DEKENVSNCIQLKTS, from the N Terminus of the protein sequence according to NP_054779.1; NP_001131026.1.

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 1:128000.

Western blot: Approx 19kDa band observed in lysates of cell lines Jurkat and MOLT4 (calculated MW of 20.6kDa according to NP_054779.1 and NP_001131026.1).

Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human

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



EB11790 (0.3 μ g/ml) staining of MOLT4 lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.