EB11790 - Goat Anti-MCTS1 Antibody

Size: 100µg specific antibody in 200µl

International Office

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Research Use Only. Not for diagnostic or therapeutic use.

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