

#### **International Office**

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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 GenelD(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

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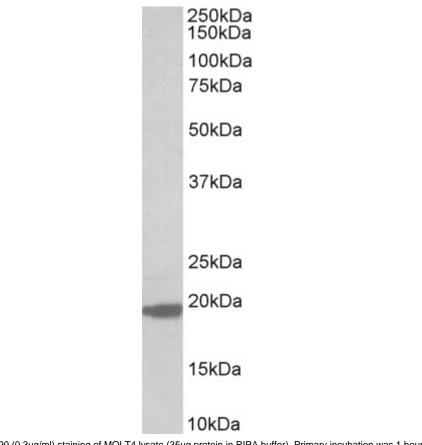
Aliquot and store at -20°C. Minimize freezing and thawing.

# **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.