



## UK 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 GeneID(s):** [28985](#)

**Important Comments:** This antibody is expected to recognize both reported isoforms (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 $\mu$ g/ml) staining of MOLT4 lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.