

## Goat anti-MCTS1 Antibody

<b>Item Number</b>	dAP-2727
<b>Target Molecule</b>	Principle Name: MCTS1; Official Symbol: MCTS1; All Names and Symbols: MCTS1; malignant T cell amplified sequence 1; FLJ39637; MCT-1; MCT1; OTTHUMP00000023950; OTTHUMP00000023951; malignant T cell-amplified sequence 1; multiple copies T-cell malignancies; Accession Number (s): NP_054779.1; NP_001131026.1; Human Gene ID(s): 28985; Non-Human GeneID(s):
<b>Immunogen</b>	DEKENVSNCIQLKTS, is from N Terminus This antibody is expected to recognize both reported isoforms (NP_054779.1; NP_001131026.1).
<b>Applications</b>	Pep ELISA, WB  Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 128000.
<b>Western Blot</b>	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.
<b>IHC</b>	
<b>Reference</b>	Reference(s): Kasiappan R, Shih HJ, Wu MH, Choy C, Lin TD, Chen L, Hsu HL. The antagonism between MCT-1 and p53 affects the tumorigenic outcomes. Mol Cancer. 2010 Dec 7;9:311..PMID: 21138557->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**