

## Anti-MOT2 antibody

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<b>Description</b>	Unconjugated Rabbit polyclonal to MOT2
<b>Model</b>	STJ190974
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Synthesized peptide derived from human MOT2 protein.
<b>Immunogen Region</b>	220-300aa
<b>Gene ID</b>	<a href="#">9194</a>
<b>Gene Symbol</b>	<a href="#">SLC16A7</a>
<b>Dilution range</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Specificity</b>	MOT2 Polyclonal Antibody detects endogenous levels of protein.
<b>Tissue Specificity</b>	Detected in heart and in blood lymphocytes and monocytes (at protein level). High expression in testis, moderate to low in spleen, heart, kidney, pancreas, skeletal muscle, brain and Leukocyte. Restricted expression in normal tissues, but widely expressed in cancer cells.
<b>Purification</b>	MOT2 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Monocarboxylate transporter 2 MCT 2 Solute carrier family 16 member 7
<b>Molecular Weight</b>	52 kDa

<b>Clonality</b>	Polyclonal
<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:10928OMIM:603654</a>
<b>Alternative Names</b>	Monocarboxylate transporter 2 MCT 2 Solute carrier family 16 member 7
<b>Function</b>	Proton-coupled monocarboxylate transporter. Catalyzes the rapid transport across the plasma membrane of many monocarboxylates such as lactate, pyruvate, branched-chain oxo acids derived from leucine, valine and isoleucine, and the ketone bodies acetoacetate, beta-hydroxybutyrate and acetate. Functions as high-affinity pyruvate transporter.
<b>Cellular Localization</b>	Cell membrane

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