

Immunotag™ MOT2 Antibody

Antibody Specification	
Catalog No.	ITA9374
Product Description	Immunotag™ MOT2 Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	MOT2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,ELISA
Recommended Dilution	WB 1:1000-3000
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human MOT2
Specificity	MOT2 Antibody detects endogenous levels of total MOT2
Purification	The antiserum was purified by peptide affinity chromatography.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	SLC16A7
Accession No.	O60669
Alternate Names	MCT 2; MCT; Monocarboxylate transporter 2; MonocarboxylateTransporter 2; MOT2; MOT2_HUMAN; SLC16A7; Solute carrier family 16 (monocarboxylate transporter), member 7; Solute carrier family 16 member 7; Solute carrier Family 16 Monocarboxylic Acid Transporters Member 7; Solute carrier family 16, member 7 (monocarboxylic acid transporter 2);

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Description	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.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	52 kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.