

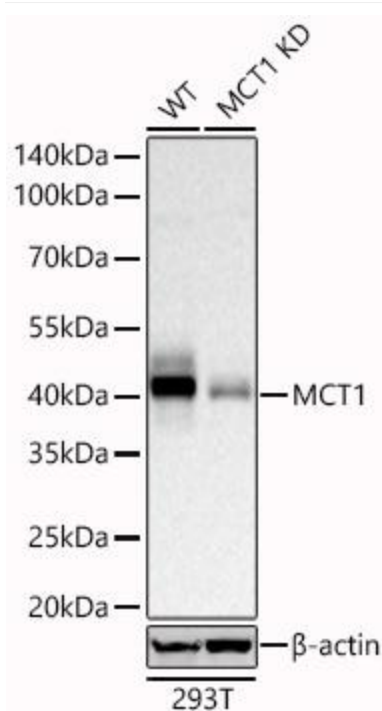


MCT1 Mouse mAb

Catalog No	YP-mAb-18555
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 190-245 of human MCT1 (NP_003042.3)
Specificity	
Formulation	
Source	
Purification	Affinity purification
Dilution	WB 1:2000 - 1:8000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MCT;HHF7;MCT1;MCT1D
Observed Band	43kDa
Calculated Molecular Weight	54kDa
Cell Pathway	
Tissue Specificity	
Function	
Background	The protein encoded by this gene is a proton-linked monocarboxylate transporter that catalyzes the movement of many monocarboxylates, such as lactate and pyruvate, across the plasma membrane. Mutations in this gene are associated with erythrocyte lactate transporter defect. Alternatively spliced transcript variants have been found for this gene
matters needing attention	Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western blot analysis of lysates from wild type (WT) and MCT1 knockdown (KD) 293T cells using [KD Validated] MCT1 Mouse mAb (A27270) at 1:2000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s