

## MCT10 Antibody / SLC16A10 (F54370)

Catalog No.	Formulation	Size
F54370-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54370-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

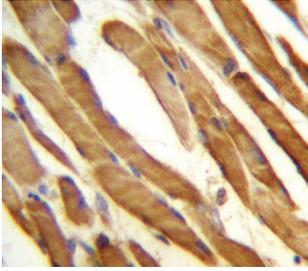
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity purified
<b>UniProt</b>	Q8TF71
<b>Applications</b>	Western Blot : 1:500-1:2000 Flow Cytometry : 1:25 (1x10 <sup>6</sup> cells) Immunohistochemistry (FFPE) : 1:25
<b>Limitations</b>	This MCT10 antibody is available for research use only.

kDa  
72  
55  
36  
28  
17

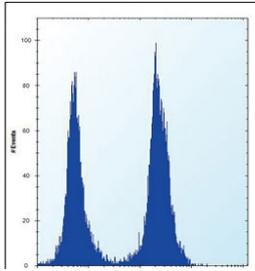
Western blot testing of human K562 cell lysate with MCT10 antibody. Predicted molecular weight ~55 kDa.

kDa  
95  
72  
55  
36  
28  
17  
1 2

Western blot testing of human 1) skeletal muscle and 2) CCRF-CEM cell lysate with MCT10 antibody. Predicted molecular weight ~55 kDa.



IHC testing of FFPE human skeletal muscle tissue with MCT10 antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Flow cytometry testing of fixed and permeabilized human K562 cells with MCT10 antibody; Blue=isotype control, Green= MCT10 antibody.

## Description

SLC16A10 is a member of a family of plasma membrane amino acid transporters that mediate the Na(+)-independent transport of aromatic amino acids across the plasma membrane.

## Application Notes

The stated application concentrations are suggested starting points. Titration of the MCT10 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 301-329 from the human protein was used as the immunogen for the MCT10 antibody.

## Storage

Aliquot the MCT10 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.