

## Product datasheet

# MCT1/Monocarboxylic acid transporter 1 overexpression 293T lysate (whole cell) ab94055

[2 Images](#)

### Overview

<b>Product name</b>	MCT1/Monocarboxylic acid transporter 1 overexpression 293T lysate (whole cell)
<b>General notes</b>	ab94055 is a 293T cell transfected lysate in which Human Monocarboxylic acid transporter 1 has been transiently over-expressed using a pCMV-Monocarboxylic acid transporter 1 plasmid. The lysate is provided in 1X Sample Buffer.
<b>Tested applications</b>	<b>Suitable for:</b> WB

### Properties

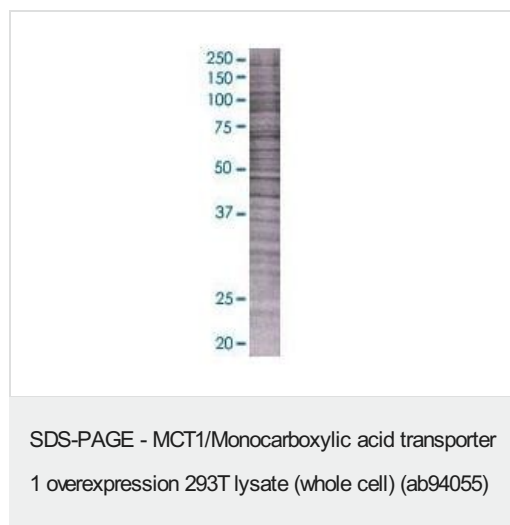
<b>Mycoplasma free</b>	Yes
<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped on dry ice. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Constituents: 0.01% Bromophenol blue, 2.3% Beta mercaptoethanol, 2% Sodium lauryl sulfate, 0.788% Tris HCl, 10% Glycerol (glycerin, glycerine)
<b>Background</b>	Function: Proton-linked 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. Tissue specificity: Widely expressed in normal and in cancer cells. Disease: Symptomatic deficiency in lactate transport Familial hyperinsulinemic hypoglycemia 7 Similarity: Belongs to the major facilitator superfamily. Monocarboxylate porter (TC 2.A.1.13) family.

### Applications

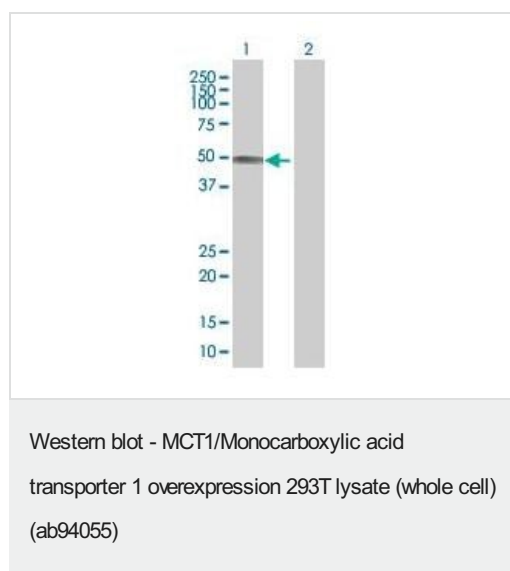
**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab94055 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use at an assay dependent dilution.

## Images



ab94055 at 15 µg/lane on an SDS-PAGE gel



**All lanes :** Anti-MCT1/Monocarboxylic acid transporter 1 antibody (**ab90582**) at 1/500 dilution

**Lane 1 :** MCT1/Monocarboxylic acid transporter 1 overexpression 293T lysate (whole cell) (ab94055)

**Lane 2 :** 293T non-transfected Lysate

Lysates/proteins at 25 µg per lane.

### Secondary

**All lanes :** Goat Anti-mouse IgG (H and L) HRP conjugated at 1/2500 dilution

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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