



[Go to Product page](#)

Datasheet for ABIN6985292  
**anti-SLC16A4 antibody (AA 1-100) (Cy5.5)**

### Overview

Quantity:	100 µL
Target:	SLC16A4
Binding Specificity:	AA 1-100
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SLC16A4 antibody is conjugated to Cy5.5
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human MCT5
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Cow,Sheep,Pig,Horse,Rabbit
Purification:	Purified by Protein A.

### Target Details

Target:	SLC16A4
Alternative Name:	MCT5 ( <a href="#">SLC16A4 Products</a> )

## Target Details

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**Background:** Synonyms: MCT 5, MCT 6, MCT6, Monocarboxylate transporter 5, Monocarboxylate transporter 6, Monocarboxylic acid transporter 5, Monocarboxylic acid transporter 6, MOT6\_HUMAN, SLC16A5, Solute carrier family 16 (monocarboxylic acid transporters) member 5, Solute carrier family 16 member 5.

Background: 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.

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**Gene ID:** 9121

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**UniProt:** [O15374](#)

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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**Expiry Date:** 12 months