



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Monocarboxylate Transporter 3 (MCT3) Blocking Peptide

### BACKGROUND

Monocarboxylate Transporter 3 (MCT3) is a proton-linked monocarboxylate transporter. It 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.

### ORDERING INFORMATION

**CATALOG NUMBER**  
X2295B

**SIZE**  
50  $\mu$ g

**CUSTOMER STORAGE**  
Product should be stored at -20°C.  
Aliquot to avoid freeze/thaw cycles

**FORMULATION**  
Provided as solution in phosphate buffered saline

**SHIP CONDITIONS**  
Ship at ambient temperature, freeze upon arrival

**STABILITY**  
Products are stable for one year from purchase when stored properly

### COMMENTS

For use with MCT3 polyclonal antibodies (Cat. No. X2361P & X2362P).

### INSTRUCTIONS

Incubate antibody neat with at least a 50 fold stoichiometric excess of blocking peptide at 37 deg C for 20 minutes (molecular weights of peptide and antibody are ~2.5 kDa and ~160 kDa, respectively). Antibody can then be diluted to a concentration suitable for Western blot.

Example: 10  $\mu$ l or 10  $\mu$ g of Exalpha's rabbit anti-MCT3 (Cat. No. X2362P) is added to 10  $\mu$ g of blocking peptide for a total volume of 20  $\mu$ l. The mixture is allowed to incubate for 20 minutes at 37 deg C prior to dilution in suitable buffer (for Western blot, etc.).