

For Research Use Only

# CoraLite®594-conjugated SLC22A7 Monoclonal antibody



Catalog Number:CL594-67479

## Basic Information

Catalog Number:

CL594-67479

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG25234

GenBank Accession Number:

BC033805

GeneID (NCBI):

10864

UNIPROT ID:

Q9Y694

Full Name:

solute carrier family 22 (organic anion transporter), member 7

Calculated MW:

60 kDa

Observed MW:

60 kDa

Purification Method:

Protein A purification

CloneNo.:

3D3C3

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

## Applications

Tested Applications:

Species Specificity:

human

## Background Information

Organic anion transporter (OAT)2 (SLC22A7) belongs to the solute carrier group of membrane transport proteins that mediate cellular uptake of numerous organic ions including xenobiotics and endogenous substrates (PMID: 9529348, 20190416). SLC22A7 was originally identified as a novel liver-specific transporter because of its predominant mRNA expression in the rat liver (PMID: 15900017, 25904762). Human SLC22A7 exhibits a robust transport function for a wide array of naturally occurring nucleobases, nucleosides, and nucleotides with a particular role for cGMP (PMID: 18216183).

## Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

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## Selected Validation Data