

SLC22A1 Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA2115
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human SLC22A1 expressed in E. Coli.
Mol wt	61.2kDa
Species reactivity	Human
Clonality	Monoclonal
Recommended application	FCM
Concentration	N/A
Full name	N/A
Synonyms	OCT1;HOCT1;oct1_cds;SLC22A1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

Polyspecific organic cation transporters in the liver, kidney, intestine, and other organs are critical for elimination of many endogenous small organic cations as well as a wide array of drugs and environmental toxins. This gene is one of three similar cation transporter genes located in a cluster on chromosome 6. The encoded protein contains twelve putative transmembrane domains and is a plasma integral membrane protein. Tissue specificity: Widely expressed with high level in liver.

Recommended Dilution

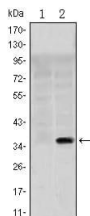
WB: 1:500 - 1:2000

FCM: 1:200 - 1:400

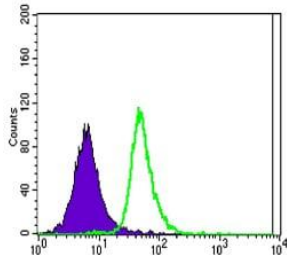
ELISA: 1:10000

Not yet tested in other applications.

Images



Western blot analysis using SLC22A1 mAb against HEK293 (1) and SLC22A1(AA: 284-347)-hIgGFc transfected HEK293 (2) cell lysate.



Flow cytometric analysis of Jurkat cells using SLC22A1 mouse mAb (green) and negative control (purple).

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

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