

OCT1 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0957
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human OCT1 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human
Clonality	Monoclonal
Recommended application	WB, FCM, ELISA
Concentration	1 mg/ml
Full name	Solute carrier family 22 member 1
Synonyms	SLC22A1; OCT1; Solute carrier family 22 member 1; Organic cation transporter 1; hOCT1

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. Two transcript variants encoding two different isoforms have been found for this gene, but only the longer variant encodes a functional transporter.

Recommended Dilution

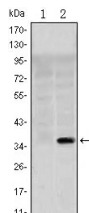
ELISA: 1:10000

FC: 1:200 - 1:400

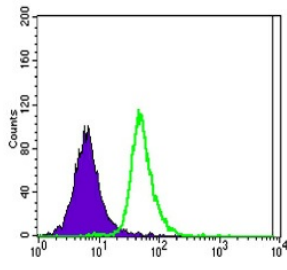
WB: 1:500 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using OCT1 Monoclonal antibody against HEK293 (1) and SLC22A1-hIgGfc transfected HEK293 (2) cell lysate.



Flow cytometric analysis of Jurkat cells using OCT1 Monoclonal antibody (green) and negative control (purple).

Storage

-20°C for one year

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