

Product datasheet for **AM06553SU-N**

SLC22A1 Mouse Monoclonal Antibody [Clone ID: 2C5]

Product data:

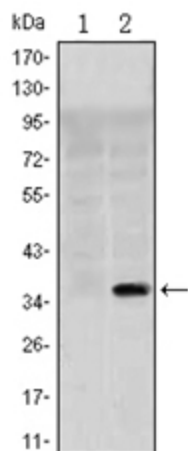
Product Type:	Primary Antibodies
Clone Name:	2C5
Applications:	ELISA, FC, WB
Recommended Dilution:	ELISA: 1/10000. Western Blot: 1/500 - 1/2000. Flow Cytometry: 1/200 - 1/400.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified recombinant fragment of Human SLC22A1 expressed in E. Coli.
Specificity:	Recognizes SLC22A1 / OCT1
Formulation:	State: Ascites State: Ascitic fluid containing 0.03% Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	61.2 kDa
Gene Name:	solute carrier family 22 member 1
Database Link:	Entrez Gene 6580 Human O15245
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.



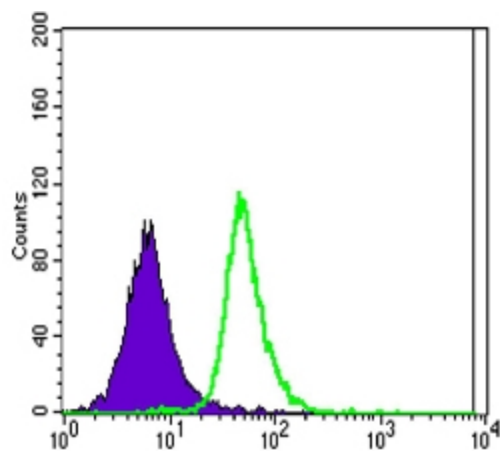
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Synonyms: Organic cation transporter 1

Product images:



Western blot analysis using SLC22A1 antibody Cat.-No AM06553SU-N against HEK293 (1) and SLC22A1 (AA: 284-347)-hlgGfC transfected HEK293 (2) cell lysate.



Flow Cytometric analysis of Jurkat cells using SLC22A1 antibody Cat.-No AM06553SU-N (green) and negative control (purple).