

PE anti-Mouse Slc7a1 (Cat-1/ERR) mAb

Catalog No.: A25675

Basic Information

Observed MW

Refer to figures

Calculated MW

67kDa

Category

Primary antibody

Applications

FC

Cross-Reactivity

Mouse

CloneNo number

ATC0024

Conjugate

PE. Ex:565nm. Em:574nm.

Recommended Dilutions

FC The suggested use of this reagent is $\leq 1.0 \mu\text{g}$ per 10^6 cells in 100 μl volume.

Background

Enables L-arginine transmembrane transporter activity. Acts upstream of or within L-arginine transmembrane transport. Predicted to be located in apical plasma membrane and basolateral plasma membrane. Predicted to be part of protein-containing complex. Predicted to be active in plasma membrane. Is expressed in several structures, including alimentary system; brain; cranium; genitourinary system; and immune system. Orthologous to human SLC7A1 (solute carrier family 7 member 1).

Immunogen Information

Gene ID

11987

Swiss Prot

Q09143

Immunogen

Mouse Cat-1 transfectants.

Synonyms

Cat1; EcoR; Atrc1; Rec-1; Rev-1; Atrc-1; mCAT-1; 4831426K01Rik

Contact

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Product Information

Source

Rat

Isotype

Rat IgG2a, κ

Purification

Affinity purification

Storage

Store at 4°C. Avoid freeze / thaw cycles.

Buffer: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide