

For Research Use Only

SLC30A1 Recombinant antibody

Catalog Number: 82895-1-RR



Basic Information

Catalog Number:

82895-1-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG18567

GenBank Accession Number:

BC121015

GeneID (NCBI):

7779

UNIPROT ID:

Q9Y6M5

Full Name:

solute carrier family 30 (zinc transporter), member 1

Calculated MW:

507 aa, 55 kDa

Purification Method:

Protein A purification

CloneNo.:

230152G12

Applications

Tested Applications:

FC, ELISA

Species Specificity:

Human

Background Information

SLC30A1, also known as ZnT1, is a putative zinc transporter that can prevent cellular zinc toxicity via plasma membrane efflux. SLC30A1 is an integral membrane protein with a deduced length of 507 aa and is predicted to contain six transmembrane-spanning domains (PMID: 15378655).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

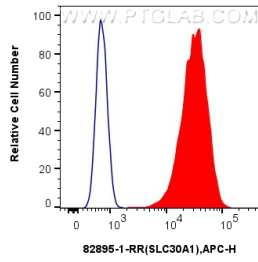
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Selected Validation Data



1×10^6 HeLa cells were intracellularly stained with 0.13 μ g Anti-Human SLC30A1 (82895-1-RR, Clone:230152G12) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:166 (red), or 0.13 μ g Rabbit IgG control Rabbit PolyAb (30000-0-AP, Clone:) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).