

For Research Use Only

Anti-Mouse L1CAM/CD171 Rabbit Recombinant Antibody

Catalog Number: 98510-1-RR



Basic Information

Catalog Number:

98510-1-RR

Concentration:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG3022

GenBank Accession Number:

N/A

GeneID (NCBI):

16728

UNIPROT ID:

P11627

Full Name:

L1 cell adhesion molecule

Calculated MW:

141 kDa

Purification Method:

Protein A purification

CloneNo.:

250101F8

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : Transfected HEK-293T cells,

Background Information

L1CAM, also known as NCAM-L1 or CD171, is a cell adhesion molecule of the immunoglobulin superfamily. It is a 200-220 kDa transmembrane glycoprotein composed of six Ig-like domains and five fibronectin type III repeats followed by a transmembrane region and a highly conserved cytoplasmic tail (PMID: 3412448; 22796939). L1CAM is primarily expressed in the nervous system and is involved in neuron-neuron adhesion, neurite fasciculation, outgrowth of neurites, cerebellar granule cell migration, neurite outgrowth on Schwann cells and interactions among epithelial cells of intestinal crypts (PMID: 3412448; 10767310). L1CAM is overexpressed in many human cancers and is often associated with bad prognosis (PMID: 27267927; 26111503).

Storage

Storage:

Store at 2 - 8°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

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

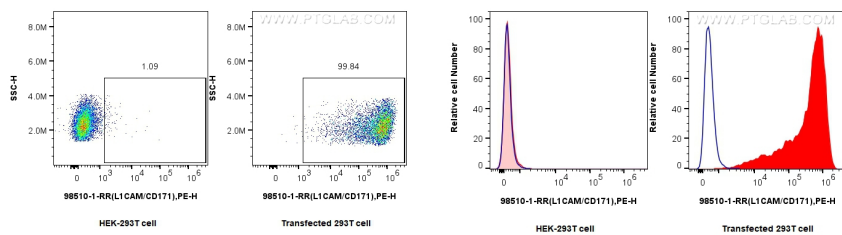
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Selected Validation Data



1x10⁶ HEK-293T cells (left) or L1CAM/CD171 transfected HEK-293T (right) cells were surface stained with 0.25 ug Anti-Mouse L1CAM/CD171 Rabbit RecAb (98510-1-RR, Clone: 250101F8) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.

1x10⁶ HEK-293T cells (left) or L1CAM/CD171 transfected HEK-293T (right) were surface stained with 0.25 ug Anti-Mouse L1CAM/CD171 Rabbit RecAb (98510-1-RR, Clone: 250101F8) (red) or Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.