

For Research Use Only

Anti-Human ART4/CD297 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98483-1-PBS



Basic Information

Catalog Number:

98483-1-PBS

Size:

1mg, 3 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2665

GenBank Accession Number:

NM_021071.4

GeneID (NCBI):

420

UNIPROT ID:

Q93070

Full Name:

ADP-ribosyltransferase 4 (Dombrock blood group)

Calculated MW:

36 kDa

Purification Method:

Protein A purification

CloneNo.:

250103E6

Applications

Tested Applications:

FC

Species Specificity:

human

Background Information

Ecto-ADP-ribosyltransferase 4 (ART4), also known as CD297, is a GPI-anchored protein that belongs to the ecto-ADP-ribosyltransferase family. ART4 is the carrier of the Dombrock blood group alloantigens (Do). It is prominently expressed on the surface of erythrocytes and at lower levels also by endothelial cells, monocytes, and the KU-812 leukemia cell line. (PMID: 24478605; 16168396)

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

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

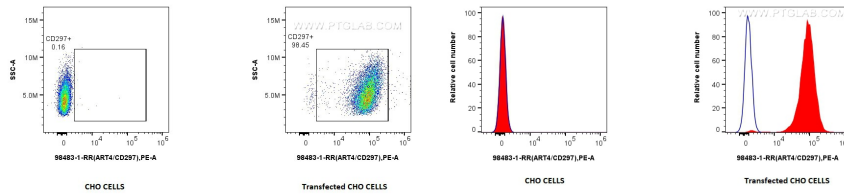
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ CHO cells or ART4/CD297 transfected CHO cells were surface stained with 0.25 ug Anti-Human ART4/CD297 Rabbit RecAb (98483-1-RR, Clone: 250103E6) and PE-conjugated Goat Anti-Rabbit IgG. Cells were not fixed. This data was developed using the same antibody clone with 98483-1-PBS in a different storage buffer formulation.

1x10⁶ CHO cells or ART4/CD297 transfected CHO cells were surface stained with 0.25 ug Anti-Human ART4/CD297 Rabbit RecAb (98483-1-RR, Clone: 250103E6) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-conjugated Goat Anti-Rabbit IgG. Cells were not fixed. This data was developed using the same antibody clone with 98483-1-PBS in a different storage buffer formulation.