

For Research Use Only

# Anti-Mouse MAdCAM1 Rabbit Recombinant Antibody

Catalog Number: 98444-1-RR



## Basic Information

Catalog Number:

98444-1-RR

Size:

100ug, 1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2010

GenBank Accession Number:

NP\_038619

GeneID (NCBI):

17123

Full Name:

mucosal vascular addressin cell adhesion molecule 1

Calculated MW:

44kDa

Purification Method:

Protein A purification

CloneNo.:

242902D6

Recommended Dilutions:

FC: 0.25 ug per 10<sup>6</sup> cells in a 100 µl suspension

## Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : Transfected HEK-293T cells,

## Background Information

Lymphocyte recirculation through different organs is thought to be regulated by adhesion molecules ("homing receptors") recognizing tissue-specific vascular addressins on endothelium (PMID: 7511642). The mucosal vascular addressin, MAdCAM1, is an immunoglobulin superfamily adhesion receptor for lymphocytes that is expressed by mucosal venules and helps direct lymphocyte traffic into mucosal tissues including the Peyer patches and the intestinal lamina propria (PMID: 7687523). MAdCAM1 can bind both integrin alpha-4/beta-7 and L-selectin, regulating both the passage and retention of leukocytes.

## Storage

Storage:

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

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

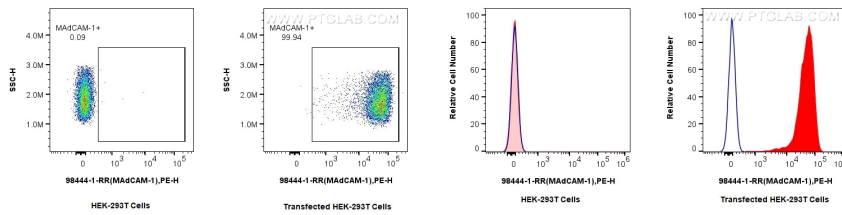
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1x10<sup>6</sup> HEK-293T or MAdCAM1-transfected HEK-293T cells were surface stained with 0.25 ug Anti-Mouse MAdCAM1 Rabbit RecAb (98444-1-RR, Clone: 242902D6) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.

1x10<sup>6</sup> HEK-293T or MAdCAM1-transfected HEK-293T cells were surface stained with 0.25 ug Anti-Mouse MAdCAM1 Rabbit RecAb (98444-1-RR, Clone: 242902D6) (red) or 0.25 ug Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.