Biotin Anti-ICAM1 antibody [YN1/1.7.4] ab25007

Overview

Product name: Biotin Anti-ICAM1 antibody [YN1/1.7.4]
Description: Biotin Rat monoclonal [YN1/1.7.4] to ICAM1
Host species: Rat
Conjugation: Biotin
Tested applications: Suitable for: Flow Cyt
Species reactivity: Reacts with: Mouse
Immunogen: Tissue, cells or virus corresponding to Mouse ICAM1. Mouse NS-1 cells

General notes:
The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.

If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form: Liquid
Storage buffer: pH: 7.4
Preservative: 0.1% Sodium azide
Constituent: PBS
Purity: Affinity purified
Clonality: Monoclonal
Clone number: YN1/1.7.4
Isotype: IgG2b
Light chain type: kappa
ICAM proteins are ligands for the leukocyte adhesion protein LFA-1 (integrin alpha-L/beta-2). During leukocyte trans-endothelial migration, ICAM1 engagement promotes the assembly of endothelial apical cups through ARHGEF26/SGEF and RHOG activation. In case of rhinovirus infection acts as a cellular receptor for the virus.

Sequence similarities
Belongs to the immunoglobulin superfamily. ICAM family.
Contains 5 Ig-like C2-type (immunoglobulin-like) domains.

Post-translational modifications
Monoubiquitinated, which is promoted by MARCH9 and leads to endocytosis.

Cellular localization
Membrane.

Flow cytometric analysis of BALB/c mouse splenocytes labelling ICAM1 with ab25007 at 1 μg/10⁶ cells and labelling CD19 with a Rat Anti-Mouse CD19-PE antibody, followed by Streptavidin-FITC.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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