

ARG20940 anti-CD54 / ICAM1 antibody [YN1/1.7.4] (APC)

Package: 50 µg
Store at: 4°C

Summary

| | |
|---------------------|---|
| Product Description | APC-conjugated Rat Monoclonal antibody [YN1/1.7.4] recognizes CD54 / ICAM1 |
| Tested Reactivity | Ms |
| Tested Application | BL, FACS, ICC/IF, IHC-Fr, WB |
| Specificity | Mouse CD54. |
| Host | Rat |
| Clonality | Monoclonal |
| Clone | YN1/1.7.4 |
| Isotype | IgG2b, kappa |
| Target Name | CD54 / ICAM1 |
| Species | Mouse |
| Immunogen | Mouse NS-1 cells |
| Conjugation | APC |
| Alternate Names | CD54; CD antigen CD54; BB2; P3.58; Intercellular adhesion molecule 1; Major group rhinovirus receptor; ICAM-1 |

Application Instructions

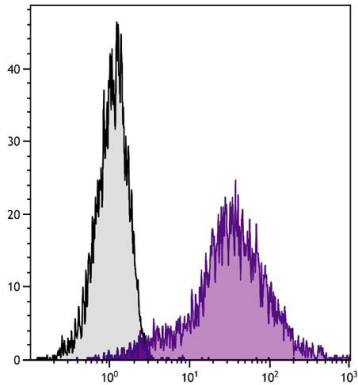
| Application table | Application | Dilution |
|-------------------|------------------|--|
| | BL | Assay-dependent |
| | FACS | < 0.2 µg/10 ⁶ cells |
| | ICC/IF | Assay-dependent |
| | IHC-Fr | Assay-dependent |
| | WB | Assay-dependent |
| | Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. |

Properties

| | |
|---------------|-------------------------------------|
| Form | Liquid |
| Buffer | PBS, 0.1% Sodium azide and Sucrose. |
| Preservative | 0.1% Sodium azide |
| Stabilizer | Sucrose |
| Concentration | 0.1 mg/ml |

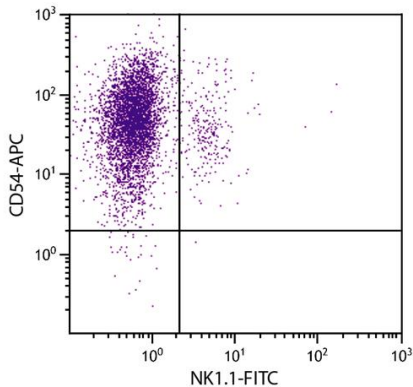
| | |
|-----------------------|--|
| Storage instruction | Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |
| Bioinformation | |
| Database links | GeneID: 15894 Mouse Swiss-port # P13597 Mouse |
| Gene Symbol | Icam1 |
| Gene Full Name | intercellular adhesion molecule 1 |
| Background | This gene encodes a cell surface glycoprotein which is typically expressed on endothelial cells and cells of the immune system. It binds to integrins of type CD11a / CD18, or CD11b / CD18 and is also exploited by Rhinovirus as a receptor. [provided by RefSeq, Jul 2008] |
| Function | 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 (By similarity). [UniProt] |
| Research Area | Cell Biology and Cellular Response antibody; Developmental Biology antibody; Immune System antibody; Cytotoxic T Cell Surface Study antibody |
| Calculated Mw | 58 kDa |
| PTM | Monoubiquitinated, which is promoted by MARCH9 and leads to endocytosis. |

Bioinformation



ARG20940 anti-CD54 / ICAM1 antibody [YN1/1.7.4] (APC) FACS image

Flow Cytometry: C57BL/6 Mouse splenocytes stained with ARG20940 anti-CD54 / ICAM1 antibody [YN1/1.7.4] (APC).



ARG20940 anti-CD54 / ICAM1 antibody [YN1/1.7.4] (APC) FACS image

Flow Cytometry: C57BL/6 Mouse splenocytes stained with ARG20940 anti-CD54 / ICAM1 antibody [YN1/1.7.4] (APC) and [ARG22072](#) anti-NK1.1 / CD161bc antibody [PK136] (FITC).