

Monoclonal Antibody to CD102 / ICAM2 - FITC

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| Alternate names: | ICAM-2, Intercellular adhesion molecule 2 |
| Catalog No.: | AM08089FC-S |
| Quantity: | 0.1 mg |
| Concentration: | 0.5 mg/ml |
| Background: | ICAM2 is a member of the intercellular adhesion molecule (ICAM) family. All ICAM proteins are type I transmembrane glycoproteins, contain 2-9 immunoglobulin like C2 type domains, and bind to the leukocyte adhesion LFA1 protein. This protein may play a role in lymphocyte recirculation by blocking LFA1 dependent cell adhesion. It mediates adhesive interactions important for antigen specific immune response, NK cell mediated clearance, lymphocyte recirculation, and other cellular interactions important for immune response and surveillance. |
| Uniprot ID: | P35330 |
| NCBI: | NP_034624.1 |
| GeneID: | 15896 |
| Host / Isotype: | Rat / IgG2a |
| Clone: | 3C4 |
| Immunogen: | COS cells transfected with mouse ICAM-2 cDNA. (Ref.1) |
| Format: | State: Liquid purified Ig fraction. Buffer System: PBS containing 0.09% Sodium Azide as preservative. Label: FITC – Fluorescein Isothiocyanate Isomer 1 |
| Applications: | Flow Cytometry: < / = 1 µg/10e6 cells. (Ref.1,2) Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. |
| Specificity: | This antibody is specific to ICAM-2 (CD102). It blocks the interaction between ICAM-2 and LFA-1. (Ref.1) Species: Mouse. Other species not tested. |
| Storage: | Store the antibody undiluted at 2-8°C for one month or in (aliquots) at -20°C for longer. This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing. Shelf life: one year from despatch. |
| General Readings: | 1. Xu, H., J.K. Bickford, E. Luther, C. Carpenito, F. Takei, and T.A. Springer. 1996. J. Immunol. 156:4909. 2. Xu, H., O.L. Tong, A.R. deFougerolles, and T.A. Springer. 1992. J. Immunol. 149:2650. 3. Southern Biotechnology Associates, Inc. Unpublished observations. |

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Material Safety Datasheets are available at www.acris-antibodies.com or on request.

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