

Monoclonal Antibody to CD44 - FITC

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| Alternate names: | CDw44, ECMR-III, Epican, Extracellular matrix receptor III, GP90 lymphocyte homing/adhesion receptor, HUTCH-I, Heparan sulfate proteoglycan, Hermes antigen, Hyaluronate receptor, LHR, MDU2, MDU3, MIC4, PGP-1, Phagocytic glycoprotein 1 |
| Catalog No.: | SM030FX |
| Quantity: | 0.5 mg |
| Concentration: | 0.5 mg/ml |
| Background: | CD44 is a receptor for hyaluronic acid (HA) and is involved in cell-cell interactions, cell adhesion and migration. CD44 also participates in a wide variety of cellular functions including lymphocyte activation, recirculation and homing. CD44 expression may be up-regulated upon some carcinomas, and it has been speculated that this may be related to metastatic potential. |
| Uniprot ID: | P15379 |
| NCBI: | NP_001034240.1 |
| GeneID: | 12505 |
| Host / Isotype: | Mouse / IgG1 |
| Clone: | 5035-41.1D |
| Immunogen: | Spleen cells from B6PL-Ly-2a / Ly-3a B6-Ly-1a mice. Spleen cells from immunised mice were fused with cells of the mouse P3-NS1-1-Ag4 myeloma cell line. |
| Format: | State: Liquid purified IgG fraction. Purification: Affinity chromatography on Protein G Buffer System: PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. Label: FITC |
| Applications: | Flow Cytometry: Use 10 µl of 1/10-1/50 diluted antibody to label 1x10 ⁶ cells in 100 µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. |
| Specificity: | Ly24.2 found on more than 90% bone marrow cells and spleen cells, 56% of thymus cells and 90% of lymph node cells. This antibody recognises the following strains of mice:- C57BL/6, C57BL/10, C57/L, C58A, AKR, 129, SJL, NZB, C3H, CE, CBA/H. Species: Mouse. Other species not tested. |

For research and in vitro use only. Not for diagnostic or therapeutic work.

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

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com

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.

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