

## Monoclonal Antibody to CD44 - FITC

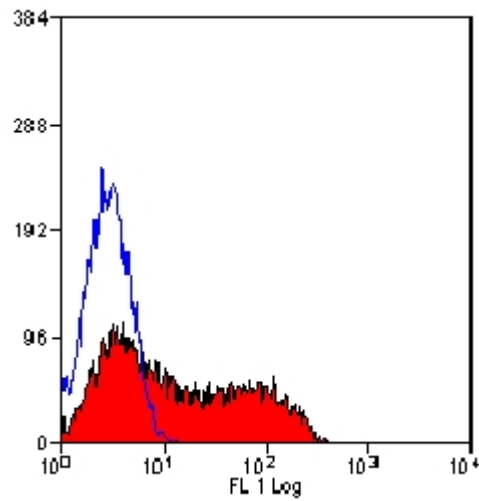
<b>Alternate names:</b>	CDw44, ECMR-III, Epican, Extracellular matrix receptor III, GP90 lymphocyte homing/adhesion receptor, HUTCH-I, Heparan sulfate proteoglycan, Hermes antigen, Hyaluronate receptor, LHR, MDU2, MDU3, MIC4, PGP-1, Phagocytic glycoprotein 1
<b>Catalog No.:</b>	SM273FS
<b>Quantity:</b>	50 µg
<b>Concentration:</b>	0.1 mg/ml
<b>Background:</b>	CD44 is expressed by T cells, B cells, macrophages and thymocytes. CD44 is a glycoprotein of 85kD, with expression being increased following activation.
<b>Uniprot ID:</b>	<a href="#">P26051</a>
<b>NCBI:</b>	<a href="#">10116</a>
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Clone:</b>	OX-50
<b>Immunogen:</b>	Rat T cell blasts. Spleen cells from immunised BALB/c mice were fused with cells of the mouse NSO/1 myeloma cell line.
<b>Format:</b>	<b>State:</b> Liquid purified IgG fraction. <b>Purification:</b> Affinity Chromatography on Protein G <b>Buffer System:</b> PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. <b>Label:</b> FITC – Fluorescein Isothiocyanate Isomer 1
<b>Applications:</b>	<b>Flow Cytometry:</b> Use 10 µl of Neat antibody to label 10e6 cells in 100 µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognises the CD44 cell surface antigen. <b>Species:</b> Rat. Other species not tested.
<b>Storage:</b>	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.

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

Material Safety Datasheets are available at [www.acris-antibodies.com](http://www.acris-antibodies.com) or on request.

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

Pictures:



Staining of rat spleen cells with Mouse Anti Rat CD44: FITC (SM273FS).

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