

## Product datasheet for **SM273FS**

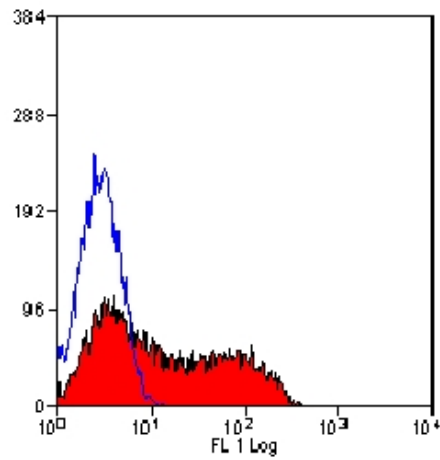
### CD44 Mouse Monoclonal Antibody [Clone ID: OX-50]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OX-50
Applications:	FC
Recommended Dilution:	<b>Flow Cytometry:</b> Use 10 µl of Neat antibody to label 10e6 cells in 100 µl.
Reactivity:	Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Rat T cell blasts. Spleen cells from immunised BALB/c mice were fused with cells of the mouse NSO/1 myeloma cell line.
Specificity:	This antibody recognises the CD44 cell surface antigen.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. Label: FITC State: Liquid purified IgG fraction. Label: Fluorescein Isothiocyanate Isomer 1
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	FITC
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.
Stability:	Shelf life: one year from despatch.
Database Link:	<a href="#">P26051</a>
Background:	CD44 is expressed by T cells, B cells, macrophages and thymocytes. CD44 is a glycoprotein of 85kD, with expression being increased following activation.
Synonyms:	LHR, MDU2, MDU3, MIC4, CDw44, Epican, ECMR-III, HUTCH-I, Heparan sulfate proteoglycan, Hermes antigen, Hyaluronate receptor, PGP-1



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**Product images:**

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