

Product datasheet for **SM1898R**

CD44 Mouse Monoclonal Antibody [Clone ID: F10-44-2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	F10-44-2
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of neat antibody to label 10e6 cells in 100 µl. This product is routinely tested in flow cytometry on human peripheral blood lymphocytes.
Reactivity:	Human, Monkey
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human T lymphocytes. Spleen cells of immunised BALB/c mice were fused with cells from the mouse NS1 myeloma 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: PE State: Lyophilized purified IgG fraction Label: R. Phycoerythrin (RPE)
Reconstitution Method:	Restore with 1 ml distilled water.
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	PE
Storage:	Prior to and following reconstitution store the antibody undiluted at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD44 molecule (Indian blood group)
Database Link:	Entrez Gene 960 Human P16070

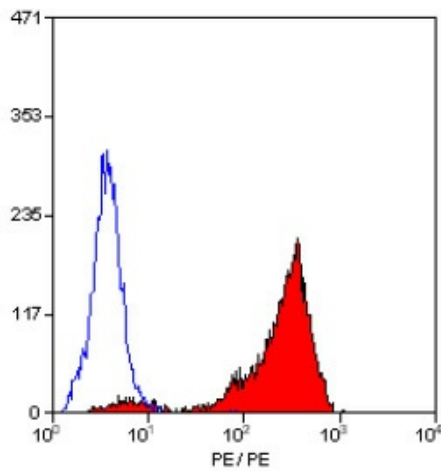


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Background: CD44 is a 100kD glycoprotein widely expressed on human leucocytes, white matter of the brain and by some epithelial cells of the intestine and of the breast. CD44 expression may be up-regulated upon some carcinomas, and it has been speculated that this may be related to metastatic potential.

Synonyms: LHR, MDU2, MDU3, MIC4, CDw44, Epican, ECMR-III, HUTCH-I, Heparan sulfate proteoglycan, Hermes antigen, Hyaluronate receptor, PGP-1

Product images:



Staining of human peripheral blood lymphocytes with MOUSE ANTI HUMAN CD44:RPE.