

Product datasheet for **SM1138F**

ICAM1 Mouse Monoclonal Antibody [Clone ID: 84H10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	84H10
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 20 µl of neat antibody to label 5x10 ⁵ cells or 100 µl whole blood. This antibody is routinely tested in flow cytometry on rat splenocytes.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	K562 cell line.
Specificity:	Mouse anti Human CD54 antibody, clone 84H10 recognizes the D1 domain of ICAM-1. It reacts with the ICAM-1 antigen found in low levels on lymphocytes and strongly expressed, on monocytes and granulocytes. This molecule is inducible to high levels by mitogenic lectins, on lymphocytes and by IL-1 beta or IFN gamma on other cell types such as fibroblasts and, endothelial cells. Detects an antigen of 90kD. Clone 84H10 has been reported to block ICAM1 mediated cellular adhesion and block binding of LFA-1 and P. falciparum to ICAM-1.
Formulation:	PBS containing 0.09% Sodium Azide as preservative and 0.2% BSA as stabilizer Label: FITC State: Liquid purified IgG fraction. Label: Fluorescein Isothiocyanate Isomer 1
Purification:	Affinity Chromatography
Conjugation:	FITC
Storage:	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:	intercellular adhesion molecule 1



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Database Link: [Entrez Gene 3383 Human P05362](#)

Background: ICAM1 (Intracellular adhesion molecule 1) or CD54, a single-pass type I membrane protein, is a ligand for LFA-1. It acts as a host cell receptor for virus entry.

Synonyms: ICAM-1