

Product datasheet for **SM286F**

Icam1 Mouse Monoclonal Antibody [Clone ID: 1A29]

Product data:

Product Type:	Primary Antibodies
Clone Name:	1A29
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of neat antibody to label 10e6 cells in 100 µl.
Reactivity:	Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Rat Ax cells (a rat HEV derived cell line).
Specificity:	This antibody recognizes the CD54 cell surface antigen, also known as intercellular adhesion molecule-1 (ICAM-1). Recent studies suggest that cross-linking of ICAM-1 using clone 1A29 induces calcium signalling. Functionally 1A29 inhibits homotypic aggregation of PHA blasts. We recommend SM286LE for this use.
Formulation:	PBS, pH 7.2, containing 1% BSA as stabiliser and 0.09% Sodium Azide as preservative. 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.
Gene Name:	intercellular adhesion molecule 1



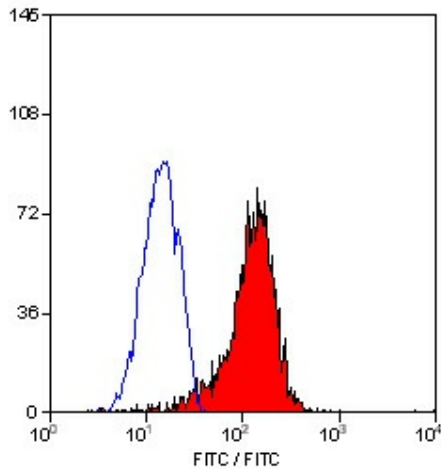
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Background: CD54 cell surface antigen, also known as the intercellular adhesion molecule-1 (ICAM-1), is a 90 kD adhesion molecule belonging to the immunoglobulin superfamily. This is a cell surface ligand of the lymphocyte integrin, LFA-1 and is known to play an important role in various cell-cell interactions in the immune system.

Synonyms: ICAM-1

Product images:



Staining of stimulated Rat spleen cells with FITC conjugated Mouse anti-Rat CD54 antibody