

## Product datasheet for **SM1156P**

### ICAM1 Mouse Monoclonal Antibody [Clone ID: 15.2]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	15.2
Applications:	FC, IHC, IP
Recommended Dilution:	<b>Flow Cytometry:</b> Use 10 µl of 1/50-1/100 diluted antibody to label 10e6 cells in 100 µl. <b>Immunohistochemistry on Frozen and Paraffin Embedded Sections:</b> 1/50-1/100. <i>Recommended Positive Control tissue:</i> Human Tonsil. <b>Immunoprecipitation.</b>
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human monocytes.
Specificity:	This antibody recognizes the human CD54 cell surface antigen. Clone 15.2 blocks CD54 function. We recommend the use of SM1156A for such studies.
Formulation:	PBS, pH 7.4 with 0.09% Sodium Azide as preservative. State: Purified State: Liquid purified IgG fraction.
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	intercellular adhesion molecule 1
Database Link:	<a href="#">Entrez Gene 3383 Human P05362</a>



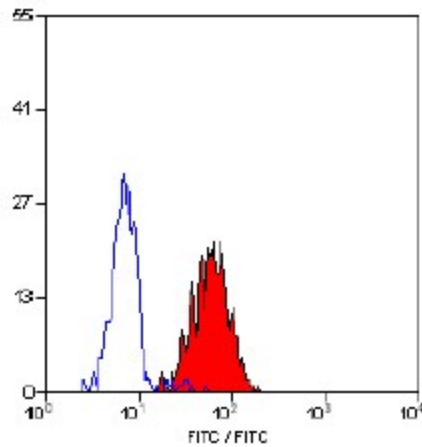
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**Background:**

ICAM1 is a 85-110 kDa single chain type 1 integral membrane glycoprotein with an extracellular domain of five immunoglobulin superfamily repeats, a transmembrane region and a cytoplasmic domain. It shares considerable amino acid sequence homology with ICAM3 and with ICAM2. ICAM1 is expressed by activated endothelial cells. It is detected on cells of many other lineages (e.g. epithelial cells, fibroblasts, chondrocytes, B lymphocytes, T lymphocytes (low), monocytes, macrophages, dendritic cells and neutrophils), with lower levels that increase in inflammation. ICAM1 is also detected in some carcinoma and melanoma cells. Soluble ICAM1 is detectable in the plasma and is elevated in patients with various inflammatory syndromes. It is the receptor for rhinoviruses and malaria.

**Synonyms:**

ICAM-1

**Product images:**

Staining of human peripheral blood monocytes with Mouse-anti-human CD54