

Monoclonal Antibody to CD54 / ICAM1 - PE

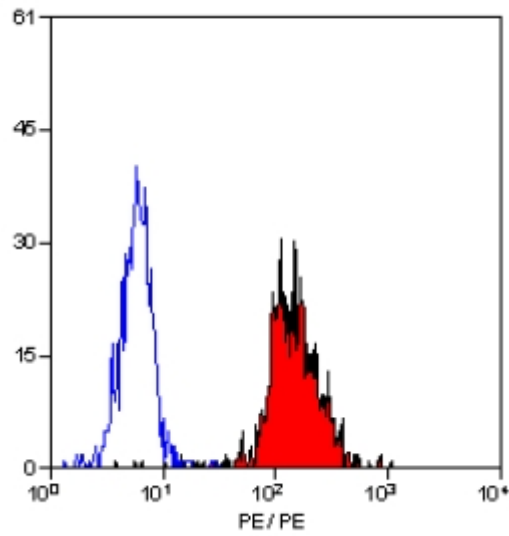
Alternate names:	ICAM-1, Intercellular adhesion molecule 1, Major Group Rhinovirus Receptor
Catalog No.:	SM1156RT
Quantity:	25 Tests
Concentration:	0.1 mg/ml
Background:	CD45 is a 90kD glycoprotein also known as ICAM-1. CD54 is expressed by many cells following activation by inflammatory mediators.
Uniprot ID:	P05362
NCBI:	9606
Host / Isotype:	Mouse / IgG1
Clone:	15.2
Immunogen:	Human monocytes. Spleen cells from immunised BALB/c mice were fused with cells of the mouse Sp2/O-Ag14 myeloma cell line.
Format:	State: Lyophilized purified IgG fraction. Buffer System: PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. Label: PE – R. Phycoerythrin (RPE) Reconstitution: Restore with 0.25 ml distilled water.
Applications:	Flow Cytometry: Use 10 µl of Neat antibody to label 10e6 cells in 100 µl. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises the CD54 cell surface antigen. Clone 15.2 is reported to block CD54 function. We recommend the use of SM1156A for such studies.
Species Reactivity:	Tested: Human.
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. Shelf life: one year from despatch.
General References:	1. Dransfield, I. et al. (1992) Interaction of leukocyte integrins with ligand is necessary but not sufficient for function. J. Cell Biol. 116: 1527-1535. 2. Berendt, A.R. et al. (1992) The binding site on ICAM-1 for Plasmodium falciparum-infected erythrocytes overlaps, but is distinct from, the LFA-1-binding site. Cell 68: 71-81.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com

Pictures:



Staining of human peripheral blood monocytes with Mouse Anti Human CD54 antibody -RPE

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com