

32-9684: Recombinant Human Intercellular Adhesion Molecule 1/ICAM-1/CD54 (C-Fc)

Alternative Name : Intercellular Adhesion Molecule 1, ICAM-1, Major Group Rhinovirus Receptor, CD54, ICAM1

Description

Source : Human Cells;

Inter-Cellular Adhesion Molecule 1 (ICAM1) is a type of intercellular adhesion molecule continuously present in low concentrations in the membranes of leukocytes and endothelial cells. As an endothelial and leukocyte-associated transmembrane protein, ICAM1 is well known for its importance in stabilizing cell-cell interactions and facilitating leukocyte endothelial transmigration. The presence of heavy glycosylation and other structural characteristics lend ICAM1 binding sites for a number of immune-associated ligands. Notably, ICAM-1 binds to macrophage adhesion ligand-1 (Mac-1; ITGB2 / ITGAM), leukocyte function associated antigen-1 (LFA-1/integrin), and fibrinogen. ICAM-1 expressed by respiratory epithelial cells is also the binding site for rhinovirus, the causative agent of most common colds.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.

Amino Acid : Recombinant Human Intercellular Adhesion Molecule 1 is produced by our Mammalian expression system and the target gene encoding Asn26-Glu480 is expressed with a Fc tag at the C-terminus.