

Basic Information

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|---------------------------|-----------------------------------------------------------------------------------------------------------|
| Product Name | Anti-ICAM1 Antibody (Clone#OTI1E5) |
| Gene Name | ICAM1 |
| Source | Mouse |
| Clonality | Monoclonal |
| Isotype | IgG1 |
| Species Reactivity | human |
| Tested Application | WB |
| Contents | PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide. |
| Immunogen | Full length human recombinant protein of human ICAM1(NP_000192) produced in HEK293T cell. |
| Concentration | 500 ug/ml |
| Purification | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Observed MW | 55.2 kDa |
| Dilution Ratios | Western blot (WB):1:4000 |

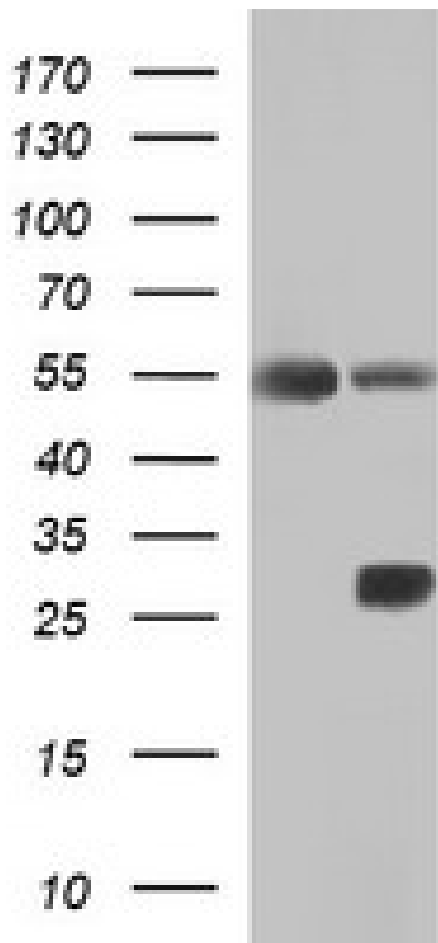
Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

Background Information

CD54, also known as ICAM-1. Intercellular adhesion molecule-1 (ICAM1) is a ligand for lymphocyte function-associated (LFA) antigens. ICAM-1 is an integral membrane protein, a member of the immunoglobulin superfamily, and a ligand for LFA-1, a beta 2 leukocyte integrin. This protein is the major human rhinovirus receptor. The ICAM1 gene is mapped to human chromosome 19. In humans, lymphocyte adhesion to cells is mediated by the protein heterodimer CD11a/CD18 (Leu-CAMa, LFA-1) and its ligand CD54 (ICAM-1).

Selected Validation Data



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ICAM1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ICAM1.