

Basic Information

Product Name	Anti-ICAM1 Antibody
Gene Name	ICAM1
Source	Rabbit
Isotype	IgG
Species Reactivity	human
Tested Application	WB, FCM, ELISA
Contents	500 ug/ml antibody with PBS, 0.02% NaN ₃ , 1 mg BSA and 50% glycerol.
Immunogen	E.coli-derived human ICAM1 recombinant protein (Position: D53-K519).
concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	90-110KD
Dilution Ratios	Western blot(WB): 1:500-2000 Flow cytometry (FCM):1-3μg/1x10 ⁶ cells (ELISA): 1:100-1000

Storage

12 months from date of receipt, -20°C as supplied. 6 months 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.

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).

Reference

Anti-ICAM1 Antibody被引用在2文献中。

Selected Validation Data

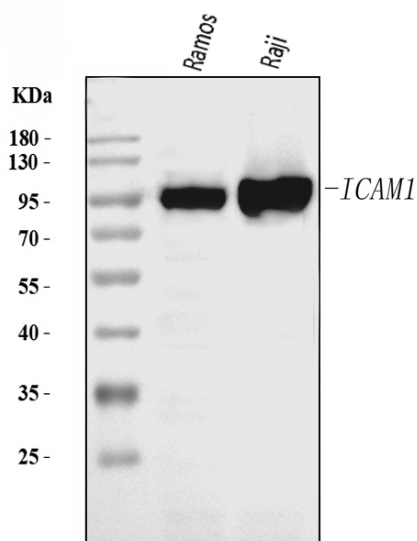


Figure 1. Western blot analysis of anti- ICAM1 Antibody (A00171-2).

The sample well of each lane was loaded with 50ug of sample under reducing conditions.

Lane 1: RAMOS whole cell lysates,

Lane 2: Raji whole cell lysates.

Use rabbit anti-ICAM1 1:1000, probed with a goat anti-rabbit IgG-HRP secondary antibody. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002). A specific band was detected for ICAM1 at approximately 95KD. The expected band size for ICAM1 is at 58KD.