



Polyclonal Anti-CD54 (ICAM-1) (Sephargose Bead Conjugate)

Catalogue No. PA1110-S

Lot No. 03A01

Ig type: rabbit IgG

Size: 100µg/vial

Specificity

Human. No cross reactivity with other proteins.

Recommended application

(Immunoprecipitation(IP))

Immunogen

A peptide mapping at the C-terminal region of the human ICAM-1. identical to the related rat and mouse sequence.

Purification

Immunogen affinity purified.

Formulation

50% slurry in PBS pH 7.2 with 0.01mg NaN₃a₃ preservative.

Storage

Store at 4°C for frequent use.

Description:

This Antagene antibody is immobilized via covalent binding of primary amino groups to N-hydroxysuccinimide (NHS)-activated sepharose beads. It is useful for immunoprecipitation assays

BACKGROUND

CD54, also known as ICAM-1. Intercellular adhesion molecule-1 (ICAM1) is a ligand for lymphocyte function-associated (LFA) antigens. Intercellular adhesion molecule-1 (ICAM-1) is an integral membrane protein, a member of the immunoglobulin superfamily, and a ligand for LFA-1, a beta 2 leukocyte integrin. ICAM1 protein is the major human rhinovirus receptor. 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

1. Ballantyne, C. M.; Kozak, C. A.; O'Brien, W. E.; Beaudet, A. L. : Assignment of the gene for intercellular adhesion molecule-1 (Icam-1) to proximal mouse chromosome 9. *Genomics* 9: 547-550, 1991.
2. Greve, J. M.; Davis, G.; Meyer, A. M.; Forte, C. P.; Yost, S. C.; Marlor, C. W.; Kamarck, M. E.; McClelland, A. : The major human rhinovirus receptor is ICAM-1. *Cell* 56: 839-847, 1989.
3. Prieto, J.; Takei, F.; Gendelman, R.; Christenson, B.; Biberfeld, P.; Patarroyo, M. : MALA-2, mouse homologue of human adhesion molecule ICAM-1 (CD54). *Europ. J. Immun.* 19: 1551-1557, 1989.

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Contact: Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email: Info@antageneinc.com