



Product Information Sheet

Polyclonal Anti-STAT3 (Magnetic Bead Conjugate)

Catalogue No. PA1110-M

Immunogen

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

Lot No. 03A01

Ig type: rabbit IgG1

Purification

Size: 100µg/Vial

Immunogen affinity purified

Specificity

Human.

No cross reactivity with other proteins.

Contents

Each vial contains 1mg/ml Magnetic Bead in PBS, pH 7.2, 0.05mg NaN₃.

Storage

Store at 4°C for frequent use.

Recommended application

Immunoprecipitation(IP)

Description:

This Antagene antibody is immobilized by the covalent reaction of hydrazinonicotinamide-modified antibody with formylbenzamide-modified magnetic

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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