



Product Information Sheet

Polyclonal Anti- Tumor necrosis factor, alpha-induced protein 1 (endothelial), TNF α IP1 (Magnetic Bead Conjugate)

Catalogue No. PA1305-M

Lot No. 09H01

Ig type rabbit IgG

Size 100 μ g/vial

Specificity

Human, rat, mouse.

No cross reactivity with other proteins.

Recommended application

ImmunoPrecipitation (IP)

Immunogen

A synthetic peptide corresponding to a sequence at the N-terminal of human TNF α IP1, identical to the related rat and mouse sequence.

Purity

Immunogen affinity purified.

Contents

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

Storage

Store at 4°C for frequent use.

Description

This Antagene antibody is immobilized by the covalent reaction of hydrazinonicotinamide-modified antibody with formylbenzamide-modified magnetic beads. It is useful for immunoprecipitation

BACKGROUND

Tumor necrosis factor, alpha-induced protein 1 (endothelial), also known as TNFAIP1, is a human gene. The gene, present in single copy, was located in the 17q22-q23 region. This gene was identified as a gene whose expression can be induced by the tumor necrosis factor alpha (TNF) in umbilical vein endothelial cells. Studies of a similar gene in mouse suggest that the expression of this gene is developmentally regulated in a tissue-specific manner. The protein is involved in the primary response of the endothelium to TNF.¹

REFERENCE

1. Wolf, F. W.; Marks, R. M.; Sarma, V.; Byers, M. G.; Katz, R. W.; Shows, T. B.; Dixit, V. M. : Characterization of a novel tumor necrosis factor-alpha-induced endothelial primary response gene. *J. Biol. Chem.* 267: 1317-1326, 1992.

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