



Product Information Sheet

Monoclonal Anti-Talin - Magnetic Bead Conjugate

Catalogue No. MA1092-M

Immunogen

Purified chicken gizzard talin.

Lot No. 08A12

Purification

Purified by the goat anti-mouse IgG affinity chromatography.

Clone: Tal-33

Ig type: mouse IgG1

Formulation

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

Size: 200µl

Specificity

Human, mouse, rat, chicken, frog.
No cross reactivity with other proteins.

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 beads. It is useful for immunoprecipitation.

BACKGROUND

Talin is a high-molecular-weight cytoskeletal protein concentrated at regions of cell-substratum contact and, in lymphocytes, at cell-cell contacts. Talin serves a function of linking vinculin to the integrins, and, thus, the cytoskeleton to extracellular matrix (ECM) receptors. It has a mass of 270 kD and shares 23% N-terminal identity with ezrin, which has similar functions. TLN gene is mapped to 9p.

REFERENCE

- 1 Rees, D. J. G.; Ades, S. E.; Singer, S. J.; Hynes, R. O. : Sequence and domain structure of talin. *Nature* 347: 685-689, 1990.
2. Gilmore, A. P.; Ohanian, V.; Spurr, N. K.; Critchley, D. R. : Localisation of the human gene encoding the cytoskeletal protein talin to chromosome 9p. *Hum. Genet.* 96: 221-224, 1995.

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