



Product Information Sheet

Monoclonal Anti-Talin

Catalogue No. MA1092

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

Application

Western blot

Size: 100µg/vial

At 2-4µg/ml with the appropriate system to detect talin in cells and tissues.

Specificity

Human, mouse, rat, chicken, frog.

Other applications have not been tested.

No cross reactivity with other proteins.

Optimal dilutions should be determined by end user.

Formulation

Lyophilized from 1.2% sodium acetate, with 2mg BSA and 0.01mg NaN₃ as preservative.

Recommended application

Western blot

Reconstitution

1.2% sodium acetate or neutral PBS. If 1ml of PBS is used, the antibody concentration will be 100µg/ml.

To reorder contact us at:

Antagene, Inc.

Toll Free: 1(866)964-2589

email: Info@antageneinc.com

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for longer time.

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.

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC AND CLINICAL USE.

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC AND CLINICAL USE.