

## Basic Information

|                    |   |
|--------------------|---|
| Product Name       | Anti-Talin Antibody (Clone#8d4)   |
| Gene Name          | TLN1/TLN2   |
| Source             | Mouse   |
| Clonality          | Monoclonal  |
| Isotype            | IgG1  |
| Species Reactivity | human, mouse, rat, chicken  |
| Tested Application | WB  |
| Contents           | 200ug/ml antibody with PBS , 0.02% NaN <sub>3</sub> , 1mg BSA and 50% glycerol. |
| Immunogen          | Purified chicken gizzard talin.   |
| Concentration      | 200ug/ml  |
| Purification       | Ascites   |
| Observed MW        | 272 kDa   |
| Dilution Ratios    | Western blot (WB):1:500-2000  |

## Storage

12 months from date of receipt, -20°C as supplied.

## Background Information

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

Anti-Talin Antibody (Clone#8d4)被引用在1文献中。

## Selected Validation Data



Western blot analysis of anti-TLN1 antibody (BM1603). The sample well of each lane was loaded with 50ug of sample under reducing conditions.

Lane 1: Rat brain tissue lysates,

Lane 2: human HELA whole cell lysates, Use rabbit anti- TLN1 1:1000, probed with a goat anti-mouse IgG-HRP secondary antibody. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1001). A specific band was detected for TLN1 at approximately 270KD. The expected band size for TLN1 is at 270KD.