

**Anti-Talin Antibody (Monoclonal, 8d4)**  
**Catalog # ABO10476****Specification**

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**Anti-Talin Antibody (Monoclonal, 8d4) - Product Information**

Application	WB
Primary Accession	<a href="#">D3ZA84</a>
Host	Mouse
Isotype	Mouse IgG1
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Format	Lyophilized

**Description**

Mouse IgG monoclonal antibody for Talin, talin 1; talin 2 (TLN1; TLN2) detection. Tested with WB in Human;mouse;rat;chicken. No cross reactivity with other proteins.

**Reconstitution**

Add 1ml of PBS buffer will yield a concentration of 100ug/ml.

**Anti-Talin Antibody (Monoclonal, 8d4) - Additional Information****Calculated MW**

271684 MW KDa

**Application Details**

Western blot, 2-4 µg/ml, Human, mouse, rat, chicken<br>

**Subcellular Localization**

TLN1: Cell projection, ruffle membrane Cytoplasm, cytoskeleton Cell surface Cell junction, focaladhesion Note: Colocalizes with LAYN at the membraneruffles. Localized preferentially in focal adhesions thanfibrillar adhesions (By similarity). |Tln1: Cell projection, ruffle membrane Cytoplasm, cytoskeleton Cell surface |TLN2: Cell junction, focal adhesion. Celljunction, synapse. Cell membrane; Peripheral membrane protein;Cytoplasmic side. Cytoplasm, cytoskeleton. Note: Focal adhesionplaques and synapses.|Tln2: Cell junction, focal adhesion Cell junction, synapse Cell membrane Cytoplasm, cytoskeleton Note: Focaladhesion plaques and synapses.

**Protein Name**

Talin-1; Talin-2

**Contents**

Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.

**Immunogen**

Purified chicken gizzard talin.

**Purification**

Ascites

**Cross Reactivity**

No cross reactivity with other proteins

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 a longer time. Avoid repeated freezing and thawing.**

#### **Sequence Similarities**

Contains 1 FERM domain.

### **Anti-Talin Antibody (Monoclonal, 8d4) - Protein Information**

### **Anti-Talin Antibody (Monoclonal, 8d4) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### **Anti-Talin Antibody (Monoclonal, 8d4) - Images**

### **Anti-Talin Antibody (Monoclonal, 8d4) - 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.