

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

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

Application	WB
Primary Accession	D3ZA84
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

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.