

Anti-Talin TLN2 Antibody (Monoclonal, 8d4)

Catalog Number: MA1092

About TLN2

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.

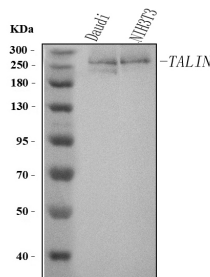
Overview

Product Name	Anti-Talin TLN2 Antibody (Monoclonal, 8d4)
Reactive Species	Chicken, Human, Mouse, Rat
Description	Boster Bio Anti-Talin TLN2 Antibody (Monoclonal, 8d4) catalog # MA1092. Tested in WB applications. This antibody reacts with Chicken, Human, Mouse, Rat.
Application	WB
Clonality	Monoclonal 8d4
Formulation	Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN ₃ .
Storage Instructions	Store at -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	D3ZA84

Technical Details

Immunogen	Purified chicken gizzard talin.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Mouse IgG1
Form	Lyophilized
Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.
Purification	Ascites
Suggested Dilutions	Western blot, 0.5-1ug/ml, Human, mouse, rat, chicken

Anti-Talin TLN2 Antibody (Monoclonal, 8d4) (MA1092) Images



Western blot analysis of Talin using anti-Talin antibody (MA1092). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human Daudi whole cell lysates, Lane 2: mouse NIH/3T3 whole cell lysates. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with mouse anti-Talin antigen affinity purified monoclonal antibody (Catalog # MA1092) at 1 ug/mL overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-mouse IgG-HRP secondary antibody at a dilution of 1:10000 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1001) with Tanon 5200 system. A specific band was detected for Talin at approximately 272 kDa. The expected band size for Talin is at 272 kDa.

1 Publications Citing This Product

1. PubMed ID: 32482796, Maskalenko N, Nath S, Ramakrishnan A, Anikeeva N, Sykulev Y, Poenie M. The DISC1-Girdin complex - a missing link in signaling to the T cell cytoskeleton. J Cell Sci. 2020 Jul 6; 133(13): jcs242875. doi: 10.1242/jcs.242875. PMID: 32482796; PMCID: PMC7358132.

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