

Anti-Talin Antibody (Monoclonal, 8d4)

Catalog # ABO10476

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.

Additional Information

Calculated MW	271684 Da
Application Details	Western blot, 2-4 μ g/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.
Clone Names	8d4
Immunogen	Purified chicken gizzard talin.
Purification	Ascites
Cross Reactivity	No cross reactivity with other proteins
Storage	At -20 °C for one year. After r ° Constitution, at 4 °C for one month. It ° Can also be aliquotted and stored frozen at -20 °C for a longer time.Avoid repeated

Sequence Similarities

freezing and thawing.
Contains 1 FERM domain.

Protein Information

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.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.