

Mouse monoclonal antibody to Talin [Tal-33]: IgG

Catalogue No.:	M-1223-100
Description:	Talin is a large, multidomain focal adhesion protein involved in the assembly of actin filaments. Talin interacts with the intracellular domains of integrins, vinculin and other focal adhesion proteins.
Batch No.:	See product label
Unit size:	100 ug
Antigen:	Talin purified from chicken gizzard
Clone:	Tal-33
Other Names:	Talin-1; TLN1; KIAA1027; TLN; Talin-2; TLN2; KIAA0320;
Accession:	P54939 TLN1_CHICK; Q9Y490 TLN1_HUMAN; Q9Y4G6 TLN2_HUMAN;
Produced in:	Mouse
Purity:	IgG
Applications:	Western Blotting (WB). A concentration of 2.0-4.0 ug/mL is recommended to detect the protein in cells and tissues. This antibody reacts with both Talin-1 and Talin-2. It recognizes an epitope located on the intact Talin and a 190 kDa fragment. It does not recognize the 47 kDa fragment obtained by protease cleavage of chicken gizzard Talin. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB against the antigen.
Cross-reactivity:	Human; mouse; rat; chicken; frog;
Form:	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN3
Reconstitution:	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase

FOR RESEARCH USE ONLY