

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

<b>Catalogue No.:</b>	M-1223-100
<b>Description:</b>	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.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	Talin purified from chicken gizzard
<b>Clone:</b>	Tal-33
<b>Other Names:</b>	Talin-1; TLN1; KIAA1027; TLN; Talin-2; TLN2; KIAA0320;
<b>Accession:</b>	P54939 TLN1_CHICK; Q9Y490 TLN1_HUMAN; Q9Y4G6 TLN2_HUMAN;
<b>Produced in:</b>	Mouse
<b>Purity:</b>	IgG
<b>Applications:</b>	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.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB against the antigen.
<b>Cross-reactivity:</b>	Human; mouse; rat; chicken; frog;
<b>Form:</b>	Lyophilized from 1.2% sodium acetate, 2mg BSA, 0.01mg NaN3
<b>Reconstitution:</b>	Reconstitute in 1 mL of PBS (pH 7.4) to achieve an antibody concentration of 100 ug/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	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.
<b>Expiry Date:</b>	12 months after purchase

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