



Recombinant Anti-Mouse Talin monoclonal antibody, clone 20 (DMABB-JX107)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Recombinant Anti-Mouse Talin Nanobody produced in E. Coli with a COOH-terminal HA epitope tag. Based on recombinant single domain antibody derived from the variable regions of heavy chain of llama.
Specificity	Reacts with mouse and human Talin. Reactivity with other species has not been tested.
Immunogen	Purified protein fragment encompassing mouse Talin aa 2364-2541
Isotype	VHH
Source/Host	Llama
Species Reactivity	Human, Mouse
Clone	20
Purification	Affinity purified
Conjugate	Unconjugated
Applications	ELISA Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	1.0 mg/mL
Size	10 µg, 50 µg, 250 µg

Buffer	20 mM Tris-HCl pH 8.0, 150 mM NaCl, 1mM DTT, 60 % glycerol
Preservative	None
Storage	Store at 4°C for short term. Store at -20 °C or below for long term. Avoid freeze/thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	Talin is a ~270 kDa mechanosensitive cytoskeletal protein that links the actin cytoskeleton to integrins. It is concentrated in cellular regions that contact the extracellular matrix or other cells such as focal adhesions, immune synapses, invadopodia, and podosomes.
Keywords	Talin