



Llama Anti-Mouse Talin Monoclonal Antibody, clone Oc20 (CABT-Z362L)

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

PRODUCT INFORMATION

Product Overview	This antibody comes with a COOH-terminal HA epitope tag.
Immunogen	A fragment of mouse Talin encompassing residues 2364-2541.
Source/Host	Llama
Species Reactivity	Human, Mouse
Clone	Oc20
Purification	Purified
Conjugate	Unconjugated
Applications	Pharmacodynamics, IP, ELISA
Format	Liquid
Concentration	Lot specific
Size	100 µg
Buffer	20 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1mM DTT, 60 % glycerol.
Preservative	None
Storage	Store at -20°C upon arrival. For long term storage, aliquot and store at -80°C. Avoid repeated freeze/thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction

Talin is a very large (~270 kDa) mechanosensitive cytoskeletal protein that links the actin cytoskeleton to integrins. Hence, it is concentrated in regions where cells make contact with the substrate or with other cells. Talin is typically found in focal adhesions, the immune synapse (immune cells) and invadopodia (cancer cells) or podosomes (immune cells). Upon 'stretching' of the protein, vinculin binding sites are exposed.

Keywords

talin 1;ILWEQ;KIAA1027;TLN;talin-1;OTTHUMP00000021350;talin

GENE INFORMATION

Entrez Gene ID

[21894](#)

UniProt ID

[P26039](#)