



# 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

<b>Product Overview</b>	This antibody comes with a COOH-terminal HA epitope tag.
<b>Immunogen</b>	A fragment of mouse Talin encompassing residues 2364-2541.
<b>Source/Host</b>	Llama
<b>Species Reactivity</b>	Human, Mouse
<b>Clone</b>	Oc20
<b>Purification</b>	Purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Pharmacodynamics, IP, ELISA
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µg
<b>Buffer</b>	20 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1mM DTT, 60 % glycerol.
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C upon arrival. For long term storage, aliquot and store at -80°C. Avoid repeated freeze/thaw cycles.
<b>Ship</b>	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	<a href="#">21894</a>
UniProt ID	<a href="#">P26039</a>