



# Llama Anti-Human Vinculin Monoclonal Antibody, clone Oc96 (CABT-Z352L)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Recombinant Anti-Human Vinculin 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.
<b>Immunogen</b>	A recombinant protein fragment comprising the C-terminal half of vinculin.
<b>Isotype</b>	VHH
<b>Source/Host</b>	Llama
<b>Species Reactivity</b>	Human
<b>Clone</b>	Oc96
<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

<b>Introduction</b>	Vinculin is a cytoskeletal protein of 1066 amino acids (~117 kDa). It interacts with several other cytoskeletal proteins including talin and $\alpha$ -actinin, but also F-actin. It links the cytoskeleton to the membrane of cells and to integrins. Vinculin is a prominent component (and regulator) of focal adhesions and adherens junctions, and is involved in cell spreading (lamellipodium formation) and adhesion.
<b>Keywords</b>	VCL;vinculin;MV;MVCL;CMD1W;CMH15

## GENE INFORMATION

<b>Gene Name</b>	VCL
<b>Entrez Gene ID</b>	<a href="#">7414</a>
<b>UniProt ID</b>	<a href="#">P18206</a>