



Recombinant 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

Product Overview	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.
Immunogen	A recombinant protein fragment comprising the C-terminal half of vinculin.
Isotype	VHH
Source/Host	Llama
Species Reactivity	Human
Clone	Oc96
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 Vinculin is a cytoskeletal protein of 1066 amino acids (~117 kDa). It interacts with several other cytoskeletal proteins including talin and α -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.

Keywords VCL;vinculin;MV;MVCL;CMD1W;CMH15

GENE INFORMATION

Gene Name	VCL
Entrez Gene ID	7414
UniProt ID	P18206