



Dromedary Anti-Human Cortactin SH3 Monoclonal Antibody, clone 4-Oc3 (CABT-Z349D)

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.
Specificity	It does not cross-react with HS-1, a close relative of cortactin. The antibody was shown to act as an intrabody and perturb invadosome stability. It may prevent interaction with a number of proteins known to bind to the SH3 domain, including WIP.
Immunogen	Full length human His6- and SUMO-tagged cortactin.
Source/Host	Dromedary
Species Reactivity	Human
Clone	4-Oc3
Purification	Purified
Conjugate	Unconjugated
Applications	Pharmacodynamics, IP, WB, 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	Cortactin is a multidomain cytoskeletal protein and a crucial component in cell migration (via Arp2/3) and cancer cell invasion and metastasis. Cortactin is an early constituent of podosomes (immune cells) and invadopodia (cancer cells), structures/organelles used by cells to degrade the extracellular matrix and migrate to a site of infection (immune cells) or escape from a primary tumor (cancer cells). The protein is overexpressed in various types of cancer.
Keywords	CTTN;cortactin;EMS1, ems1 sequence (mammary tumor and squamous cell carcinoma associated (p80/85 src substrate);src substrate cortactin;amplaxin

GENE INFORMATION

Gene Name	PECAM1
Entrez Gene ID	18613
UniProt ID	Q08481