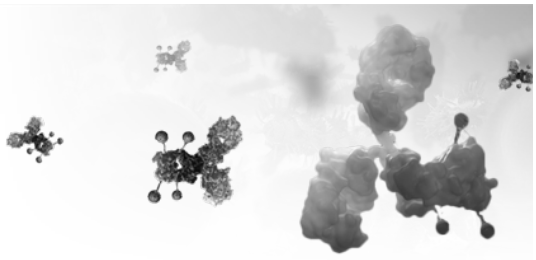

Alpaca Anti-Human fascin Monoclonal Antibody, clone Oc6 (CABT-Z351A)

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	The antibody has no apparent effect on the phosphorylation status (Ser-39) of fascin. It interacts with trefoil domains 1, 3 and 4.
Immunogen	Full length protein of human recombinant fascin-1.
Source/Host	Alpaca
Species Reactivity	Human
Clone	Oc6
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.

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Ship	Wet ice

BACKGROUND

Introduction	Fascin is a trefoil protein that assembles F-actin filaments into tight bundles. Fascin is a prominent constituent of filopodia and lamellipodia, but also cancer cell invadopodia and immune cell podosomes. Mature invadopodia possess the ability to degrade the extracellular matrix, promoting cancer cell evasion from the tumor. Immune cell podosomes assist cells in migrating through a dense matrix to an area of infection. Fascin expression is altered in a number of cancer cell types and the protein is involved in regulating cell migration and invasion. Moreover, fascin is involved in the process of tumor self seeding and maintaining stemness of the breast cancer stem cell pool. It is considered as a therapeutic target.
Keywords	FSCN1;FAN1;FLJ38511;Fascin;HSN;SNL;p55

GENE INFORMATION

Gene Name	FSCN1
Entrez Gene ID	6624
UniProt ID	Q16658

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