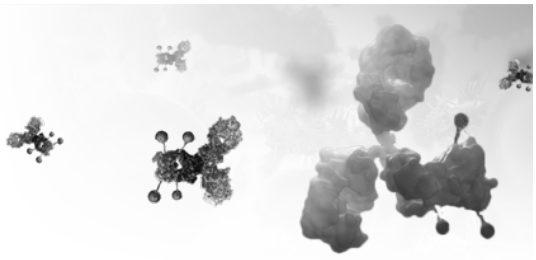

Recombinant Llama Anti-Human SRC Monoclonal Antibody, clone Oc46 (CABT-Z359L)

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

PRODUCT INFORMATION

Product Overview	Recombinant Anti-Human SRC 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.
Specificity	This antibody is able to pull down endogenous c-Src from HEK293T cells.
Immunogen	A recombinant Src fragment comprising amino acids 1-252.
Isotype	VHH
Source/Host	Llama
Species Reactivity	Human
Clone	Oc46
Purification	Purified
Conjugate	Unconjugated
Applications	Pharmacodynamics, IP, ELISA
Format	Liquid
Concentration	Lot specific
Size	100 µg

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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	The kinase Src is a non receptor tyrosine kinase of a kinase family bearing the same name. As a tyrosine kinase it phosphorylates numerous substrates on tyrosine residues, thus controlling their activity or localization. Perturbation of Src contributes to cell transformation. Src is activated by immune response receptors, GPCRs, cytokine receptors, among others. Src activity contributes to cancer cell invasion and metastasis, cell cycle progression, apoptosis, cytoskeletal organization (i.e. cortactin phosphorylation) and many other cellular phenomena. We refer to the many excellent reviews that have been written on this intreaguing and multi-faceted protein kinase in the scientific literature.
Keywords	p60-Src;ASV;c-SRC;v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian);SRC

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