



# Recombinant Llama Anti-Human Tks5 Monoclonal Antibody, clone Oc21 (CABT-Z364L)

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

## PRODUCT INFORMATION

|                           |   |
|---------------------------|---|
| <b>Product Overview</b>   | Recombinant Anti-Human Tks5 Nanobody produced in E. Coli with a COOH-terminal HA epitope tag.<br>Based on recombinant single domain antibody derived from the variable regions of heavy chain of llama. |
| <b>Specificity</b>        | This antibody is able to pull down endogenous Tks5 from SCC-61 cancer cells.  |
| <b>Immunogen</b>          | A Tks5 fragment comprising the two most C-terminal SH3 domains.   |
| <b>Isotype</b>            | VHH   |
| <b>Source/Host</b>        | Llama   |
| <b>Species Reactivity</b> | Human   |
| <b>Clone</b>              | Oc21  |
| <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

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|---------------------|--|
| <b>Introduction</b> | The adaptor protein Tks5 (aka FISH, SH3PXD2A) is an 1105 amino acid protein built up of an N-terminal PX domain (phosphoinositide binding), followed by 5 SH3 domains/interaction platforms. This protein is a component of cancer cell invadopodia and immune cell podosomes and is involved in the degradation by some cancer cells of the extracellular matrix. |
| <b>Keywords</b>     | SH3PXD2A;SH3 and PX domains 2A;SH3 multiple domains 1 , SH3MD1;SH3 and PX domain-containing protein 2A;FISH;five SH3 domains;Tks5  |

## GENE INFORMATION

|                       |                        |
|-----------------------|------------------------|
| <b>Entrez Gene ID</b> | <a href="#">9644</a>   |
| <b>UniProt ID</b>     | <a href="#">B3KPL1</a> |