



# Recombinant Alpaca Anti-Human p53 DBD Monoclonal Antibody, clone Oc4 (CABT-Z360A)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Recombinant Anti-Human p53 DBD 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 Alpaca.
<b>Immunogen</b>	Human recombinant p53 DNA-binding domain.
<b>Isotype</b>	VHH
<b>Source/Host</b>	Alpaca
<b>Species Reactivity</b>	Human
<b>Clone</b>	Oc4
<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

**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

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## BACKGROUND

**Introduction** p53 is a tetrameric transcription factor and tumor suppressor that hardly requires introduction. Once described as guardian of the genome, it controls numerous aspects of cellular behaviour. Mutations in p53 are observed in over 50% of cancers.

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**Keywords** TP53;tumor protein p53;P53;LFS1;TRP53;cellular tumor antigen p53

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## GENE INFORMATION

**Gene Name** TP53

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**Entrez Gene ID** [7157](#)

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**UniProt ID** [K7PPA8](#)

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