



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

Product Overview	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.
Immunogen	Human recombinant p53 DNA-binding domain.
Isotype	VHH
Source/Host	Alpaca
Species Reactivity	Human
Clone	Oc4
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.
Ship	Wet ice

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

GENE INFORMATION

Gene Name TP53

Entrez Gene ID [7157](#)

UniProt ID [K7PPA8](#)