

Datasheet: MCA6332

BATCH NUMBER 163579

Description:	RABBIT ANTI p63
Specificity:	p63
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	RM383
Isotype:	IgG
Quantity:	0.1 ml

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Paraffin	▪			1/100 - 1/200
Western Blotting	▪			1/500 - 1/1000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography of Protein A from animal origin-free culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide
Stabilisers	1% Bovine Serum Albumin 50% Glycerol
Immunogen	A peptide corresponding to the area surrounding the C-terminus of Human p63
External Database	UniProt:

Links[Q9H3D4](#) [Related reagents](#)**Entrez Gene:**[8626](#) TP63 [Related reagents](#)**Synonyms**

KET, P63, P73H, P73L, TP73L

Specificity

Rabbit anti Human p63 antibody recognizes tumor protein 63, also known as CUSP, KET, P63, P73H, P73L, TP73L. p63 is a transcription factor and important regulator of cell proliferation and survival. This protein plays a major role in maintenance and differentiation of stem cells, and is involved with epidermal development, heart development, and maintenance of female germ cells ([Gonfloni et al. 2015](#)). p63 is involved with tumorigenesis, and is commonly linked with epithelial malignancies including squamous cancers ([Galoczova et al. 2018](#)). Although p53, a close relative of 63, is frequently mutated in tumors, p53 is rarely mutated or deleted in cancer. Conflicting roles for p63 in cancer are suggested showing both oncogenic potential and also showing that p63 can function as a tumor suppressor ([Inoue and Fry 2014](#)).

Storage

Store at -20°C only.
Storage in frost-free freezers is not recommended.
This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10048 available at:
<https://www.bio-rad-antibodies.com/SDS/MCA6332>
10048

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

North & South America Tel: +1 800 265 7376
Fax: +1 919 878 3751
Email: antibody_sales_us@bio-rad.com

Worldwide Tel: +44 (0)1865 852 700
Fax: +44 (0)1865 852 739
Email: antibody_sales_uk@bio-rad.com

Europe Tel: +49 (0) 89 8090 95 21
Fax: +49 (0) 89 8090 95 50
Email: antibody_sales_de@bio-rad.com

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