

## Datasheet: MCA6358

<b>Description:</b>	RABBIT ANTI p40 (deltaNp63)
<b>Specificity:</b>	p40 (deltaNp63)
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	RM392
<b>Isotype:</b>	IgG
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Paraffin	▪			1/50 - 1/200

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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein A from animal origin-free culture supernatant
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	0.09% Sodium Azide
<b>Stabilisers</b>	1% Bovine Serum Albumin 50% Glycerol
<b>Immunogen</b>	A peptide corresponding to human p40 (deltaNp63)

### External Database Links

#### UniProt:

[Q9H3D4](https://www.uniprot.org/entry/Q9H3D4)

[Related reagents](#)

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

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**Synonyms** KET, P63, P73H, P73L, TP73L

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**Specificity** **Rabbit anti p40 (deltaNp63) antibody** recognizes tumor protein 63 (TP63), also known as p40, p51 and CUSP.

The transcription factor p63 belongs to the p53 gene family along with p53 and p73, which share a high level of homology and similar domain structures ([Gonfloni et al. 2015](#)). p63 is a key regulator of epidermal development. It has roles in stemness, cell cycle arrest, mobility and invasion and senescence, and multiple isoforms of p63 have diverse roles in cellular biology ([Fisher et al. 2020](#)). p63 is dysregulated in human cancers and affects chemosensitivity and chemoresistance ([Melino 2011](#)). Heterozygous mutations in the gene encoding p63 cause developmental disorders, often manifesting in skin abnormalities ([Soares and Zhou 2018](#)). The deltaNp63 isoform has been suggested to be highly specific for squamous/basal cells ([Bishop et al. 2020](#)), and it acts in a dominant negative way towards p53 ([Geddert et al. 2003](#)).

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**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.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10048 available at: <https://www.bio-rad-antibodies.com/SDS/MCA6358>  
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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)Sheep Anti Rabbit IgG (STAR35...) [RPE](#)Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)**North & South** Tel: +1 800 265 7376**America** Fax: +1 919 878 3751Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)**Worldwide**

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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