

Datasheet: MCA6358

BATCH NUMBER 157621

Description:	RABBIT ANTI p40 (deltaNp63)
Specificity:	p40 (deltaNp63)
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	RM392
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	▪			1/50 - 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.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on 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 human p40 (deltaNp63)
External Database Links	UniProt:

[Q9H3D4](#) [Related reagents](#)

Entrez Gene:

[8626](#) TP63 [Related reagents](#)

Synonyms	KET, P63, P73H, P73L, TP73L
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Specificity	<p>Rabbit anti p40 (deltaNp63) antibody recognizes tumor protein 63 (TP63), also known as p40, p51 and CUSP.</p> <p>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 (Gedder et al. 2003).</p>
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Storage	<p>Store at -20°C only.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
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Guarantee	12 months from date of despatch
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Health And Safety Information	<p>Material Safety Datasheet documentation #10048 available at: https://www.bio-rad-antibodies.com/SDS/MCA6358</p> <p>10048</p>
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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 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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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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