

## Datasheet: MCA6328

**BATCH NUMBER 155798**

<b>Description:</b>	RABBIT ANTI BRAF
<b>Specificity:</b>	BRAF
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	RM308
<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	▪			1/200 - 1/500
Western Blotting	▪			1/100 - 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 of 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 the residues near N-terminus of Human BRAF
<b>External Database</b>	<b>UniProt:</b>

Links

[P15056](#)   [Related reagents](#)

**Entrez Gene:**

[673](#) BRAF   [Related reagents](#)

**Synonyms**

BRAF1, RAFB1

**Specificity**

**Rabbit anti Human BRAF antibody** recognizes serine/threonine-protein kinase B-raf, also known as p94, RAFB1. BRAF is a serine-threonine kinase activated by Ras ([Ascierto et al. 2012](#)). BRAF activates the MAP kinase / ERK signaling pathway, which results in activation of transcription factors important for cell growth, proliferation, and survival ([McCain 2013](#)). BRAF is a "driver oncogene", frequently activated by point mutation in human cancer. For example, BRAF mutations have been identified in 50% of skin melanomas ([Mackiewicz and Mackiewicz 2018](#)), and also occur in colorectal cancer, papillary thyroid cancer, and non-small cell lung cancers ([Halpenny et al. 2017](#)). BRAF inhibitors vemurafenib and dabrafenib have been developed as treatments for BRAF-mutant melanoma ([Fedorenko et al. 2015](#)).

**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/MCA6328>  
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](#)
- Sheep Anti Rabbit IgG (STAR36...)   [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

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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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