

Datasheet: MCA6328

BATCH NUMBER 155798

Description:	RABBIT ANTI BRAF
Specificity:	BRAF
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	RM308
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	▪			1/200 - 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.

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 residues near N-terminus of Human BRAF
External Database	UniProt:

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](#)

North & South

Tel: +1 800 265 7376

America

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

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)

'M376314:210127'

Printed on 18 Jan 2024

