

Datasheet: MCA1852

Description:	RAT ANTI RAF-1 (pSer338)
Specificity:	RAF-1 (pSer338)
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	pS338 (DPR/2/2A/3A)
Isotype:	IgG1
Quantity:	0.1 mg

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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation			▪	
Western Blotting	▪			1/100 - 1/1000

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody 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 tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide
Carrier Free	Yes
Approx. Protein	IgG concentration 1.0 mg/ml

Concentrations

Immunogen Synthetic peptide GQRDS*SY*WEIEAS coupled to glutaraldehyde.

External Database Links

UniProt:

[P04049](#) [Related reagents](#)

Entrez Gene:

[5894](#) RAF1 [Related reagents](#)

Synonyms RAF

RRID AB_2175674

Specificity

Rat anti Raf-1 (pSer338) antibody, clone pS338 (DPR/2/2A/3A) recognizes Raf-1, also known as RAF proto-oncogene serine/threonine-protein kinase and proto-oncogene c-RAF (cRaf), when phosphorylated at serine 338.

Rat anti Raf-1 (pSer338) antibody, clone pS338 binds to Raf-1 that has been activated by Ras or Src, but not to unactivated Raf-1. This antibody does not bind to Raf peptides phosphorylated at other sites, including tyrosine 341 and serine 339.

Rat anti Raf-1 (pSer338) antibody, clone pS338 has been described for the detection of serine 338 phosphorylated Raf-1 by western blotting ([Mason *et al.* 1999](#)).

References

1. Mason, C.S. *et al.* (1999) Serine and tyrosine phosphorylations cooperate in Raf-1, but not B-Raf activation. [EMBO J. 18 \(8\): 2137-48.](#)
 2. Chiloeches, A. *et al.* (2001) S338 phosphorylation of Raf-1 is independent of phosphatidylinositol 3-kinase and Pak3. [Mol Cell Biol. 21: 2423-34.](#)
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Storage

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

18 months from date of despatch.

Health And Safety Information

Material Safety Datasheet documentation #10040 available at: 10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Rat IgG (STAR17...)	FITC
Goat Anti Rat IgG (STAR69...)	FITC
Goat Anti Rat IgG (STAR131...)	Alk. Phos. , Biotin
Goat Anti Rat IgG (STAR73...)	RPE
Rabbit Anti Rat IgG (STAR21...)	HRP
Rabbit Anti Rat IgG (STAR16...)	DyLight@800
Goat Anti Rat IgG (MOUSE ADSORBED) (STAR71...)	DyLight@800
Goat Anti Rat IgG (STAR72...)	HRP

Recommended Negative Controls

[RAT IgG1 NEGATIVE CONTROL \(MCA6004GA\)](#)

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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