

Datasheet: AHP2583

BATCH NUMBER 141545

Description:	RABBIT ANTI C-MYC (pThr358)
Specificity:	C-MYC (pThr358)
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µl

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
Western Blotting	▪			1/500 - 1/2000

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
Antiserum Preparation	Antiserum to c-Myc (pThr358) was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.02% Sodium Azide 50% Glycerol
Immunogen	Phospho specific-peptide corresponding to residues surrounding threonine 358 of human c-Myc
External Database Links	UniProt: P01106 Related reagents

Entrez Gene:

[4609](#) MYC [Related reagents](#)

Synonyms	BHLHE39
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Specificity	<p>Rabbit anti c-Myc (pThr358) antibody recognizes proto-oncogene c-Myc, also known as Class E basic helix-loop-helix protein 39, transcription factor p64 and avian myelocytomatosis viral oncogene homolog, when phosphorylated at threonine 358. c-Myc is a transcription factor and a member of the Myc family of basic helix-loop-helix-leucine zipper (bHLH-Zip) transcription factors. c-Myc is involved in regulation of the cell cycle, cell differentiation and apoptosis.</p> <p>c-Myc is phosphorylated at threonine 358 by PAK2, this negatively regulates c-Myc activity by inhibiting DNA binding (Huang et al. 2004).</p>
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Further Reading	1. Huang, Z. <i>et al.</i> (2004) Negative control of the Myc protein by the stress-responsive kinase Pak2. Mol Cell Biol. 24 (4): 1582-94.
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Storage	Store at -20°C Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. 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 #10049 available at: https://www.bio-rad-antibodies.com/SDS/AHP2583 10049
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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](#)
- 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](#)

Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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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
'M336640:181214'

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