

Datasheet: AHP2138

BATCH NUMBER 160610

Description:	GOAT ANTI HUMAN Mcl-1 (C-TERMINAL)
Specificity:	Mcl-1 (C-TERMINAL)
Other names:	MYELOID CELL LEUKAEMIA SEQUENCE 1
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
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	▪			1/2000
Immunoprecipitation			▪	
Western Blotting	▪			1.0 - 3.0ug/ml

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

Species Cross Reactivity

Reacts with: Rat, Mouse

Based on sequence similarity, is expected to react with: Dog, Bovine, Pig

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Antiserum Preparation Antiserum to human Mcl-1 (CT) was raised by repeated immunisation of goats with highly

purified antigen. Purified IgG was prepared by affinity chromatography.

Buffer Solution	TRIS buffered saline
------------------------	----------------------

Preservative	0.02% Sodium Azide (NaN ₃)
Stabilisers	0.5% Bovine Serum Albumin

Approx. Protein Concentrations	IgG concentration 0.5mg/ml
---------------------------------------	----------------------------

Immunogen	Synthetic peptide sequence C-AGVGAGLAYLIR from the C-Terminal region of Mcl-1 (NP_068779.1).
------------------	--

External Database Links	UniProt: Q07820 Related reagents Entrez Gene: 4170 MCL1 Related reagents
--------------------------------	---

Synonyms	BCL2L3
-----------------	--------

RRID	AB_10671454
-------------	-------------

Specificity	<p>Goat anti Human Mcl-1 antibody recognises an epitope within the C-Terminal (CT) region of human Mcl-1, otherwise known as Myeloid cell leukaemia sequence 1, a mitochondrial-associated anti-apoptotic member of the Bcl-2 family, which acts as both an enhancer of cell survival (isoform 1), and promoter of cell death (isoform 2).</p> <p>Mcl-1 is expressed in many different cell lines, and several types of cancer, and blockage of its function, may prove to be a useful therapeutic agent in the treatment of malignancies and inflammatory and infectious diseases.</p> <p>Goat anti Human Mcl-1 antibody is expected to recognise the longer gene product, isoform 1.</p>
--------------------	---

Western Blotting	AHP2138 detects a band of approximately 35kDa in human lung and K562 cell lysates.
-------------------------	--

References	1. Cencic, R. <i>et al.</i> (2013) Modifying chemotherapy response by targeted inhibition of eukaryotic initiation factor 4A. Blood Cancer J. 3: e128.
-------------------	--

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

Guarantee	12 months from date of despatch
------------------	---------------------------------

**Health And Safety
Information**

Material Safety Datasheet documentation #10058 available at:
<https://www.bio-rad-antibodies.com/SDS/AHP2138>
10058

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

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)
'M364118:200529'

Printed on 01 Mar 2024

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)