

## Datasheet: AHP2138

<b>Description:</b>	GOAT ANTI HUMAN Mcl-1 (C-TERMINAL)
<b>Specificity:</b>	Mcl-1 (C-TERMINAL)
<b>Other names:</b>	MYELOID CELL LEUKAEMIA SEQUENCE 1
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Buffer Solution</b>	TRIS buffered saline
<b>Preservative</b>	0.02% Sodium Azide (NaN <sub>3</sub> )
<b>Stabilisers</b>	0.5% Bovine Serum Albumin
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5mg/ml
<b>Immunogen</b>	Synthetic peptide sequence C-AGVGAGLAYLIR from the C-Terminal region of Mcl-1 (NP_068779.1).
<b>External Database Links</b>	<p><b>UniProt:</b>  <a href="#">Q07820</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">4170</a>    MCL1    <a href="#">Related reagents</a></p>
<b>Synonyms</b>	BCL2L3
<b>RRID</b>	AB_10671454
<b>Specificity</b>	<p><b>Goat anti Human Mcl-1 antibody</b> 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>
<b>Western Blotting</b>	AHP2138 detects a band of approximately 35kDa in human lung and K562 cell lysates.
<b>References</b>	1. Cencic, R. <i>et al.</i> (2013) Modifying chemotherapy response by targeted inhibition of eukaryotic initiation factor 4A. <a href="#">Blood Cancer J. 3: e128.</a>
<b>Storage</b>	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety</b>	Material Safety Datasheet documentation #10058 available at:

**Information** <https://www.bio-rad-antibodies.com/SDS/AHP213810058>

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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

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

**North & South** Tel: +1 800 265 7376

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Email: [antibody\\_sales\\_de@bio-rad.com](mailto: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)

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