

Datasheet: AHP2138

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.
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 Stabilisers	0.02% Sodium Azide (NaN ₃) 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

Specificity

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).

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.

Goat anti Human Mcl-1 antibody is expected to recognise the longer gene product, isoform 1.

Western Blotting

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

References

1. Cencic, R. *et al.* (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.

Shelf Life

18 months from date of despatch.

Health And Safety Information

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

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

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