

Datasheet: VMA00507

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|----------------------|------------------------|
| Description: | MOUSE ANTI Mcl-1 |
| Specificity: | Mcl-1 |
| Format: | Purified |
| Product Type: | PrecisionAb Monoclonal |
| Isotype: | IgG1 |
| Quantity: | 100 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 |
|------------------|-----|----|----------------|--------------------|
| Flow Cytometry | ▪ | | | |
| Western Blotting | ▪ | | | 1/1000 |

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

| | |
|---------------------------------|---|
| Target Species | Human |
| Species Cross Reactivity | Reacts with: Mouse, Rat 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 |
| Preparation | Purified IgG prepared by affinity chromatography on Protein G from ascites. |
| Buffer Solution | Phosphate buffered saline. |
| Preservative Stabilisers | 0.09% Sodium Azide (NaN ₃). |
| Approx. Protein | IgG concentration 0.5 mg/ml |

Concentrations

Immunogen *E. coli* derived recombinant protein corresponding to amino acids 1-230 of human Mcl-1

External Database Links

UniProt:

[Q07820](#) [Related reagents](#)

Entrez Gene:

[4170](#) MCL1 [Related reagents](#)

Synonyms BCL2L3

Specificity **Mouse anti Human Mcl-1 antibody** recognizes the induced myeloid leukemia cell differentiation protein Mcl-1, also known as bcl-2-like protein 3, bcl-2-related protein EAT/mcl1, myeloid cell leukemia ES or myeloid cell leukemia sequence 1 (BCL2-related).

Mcl-1 is a member of the Bcl-2 family. Alternative splicing results in multiple transcript variants. The longest gene product (isoform 1) enhances cell survival by inhibiting apoptosis while the alternatively spliced shorter gene products (isoform 2 and isoform 3) promote apoptosis and are death-inducing (provided by RefSeq, Oct 2010).

Mouse anti Human Mcl-1 antibody detects a band of 40 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti Mcl-1 detects a band of approximately 40 kDa in HeLa cell lysate.

Storage Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee 12 months from date of despatch.

Acknowledgements PrecisionAb is a trademark of Bio-Rad Laboratories.

Health And Safety Information Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/VMA00507>
Antibody (10040)

Regulatory For research purposes only.

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

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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

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