

Datasheet: VPA00193

BATCH NUMBER 060815

| | |
|----------------------|-----------------------------|
| Description: | RABBIT ANTI MYELOPEROXIDASE |
| Specificity: | MYELOPEROXIDASE |
| Format: | Purified |
| Product Type: | PrecisionAb Polyclonal |
| Isotype: | Polyclonal IgG |
| 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 |
|------------------|-----|----|----------------|--------------------|
| 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 |
| Product Form | Purified IgG - liquid |
| Preparation | Rabbit polyclonal antibody purified by ion exchange chromatography. |
| Buffer Solution | Phosphate buffered saline |
| Preservative | 0.01% Gentamicin Sulfate. |
| Stabilisers | 0.09% Sodium Azide (NaN ₃) |
| Immunogen | Human Leukocytes |

External Database Links

UniProt:

[P05164](#)

[Related reagents](#)

Entrez Gene:

[4353](#) MPO [Related reagents](#)

Specificity **Rabbit anti Human myeloperoxidase antibody** recognizes myeloperoxidase.

Myeloperoxidase (MPO) is a heme protein synthesized during myeloid differentiation that constitutes the major component of neutrophil azurophilic granules. Produced as a single chain precursor, myeloperoxidase is subsequently cleaved into a light and heavy chain. The mature myeloperoxidase is a tetramer composed of 2 light chains and 2 heavy chains. This enzyme produces hypohalous acids central to the microbicidal activity of neutrophils (provided by RefSeq, Jul 2008).

Rabbit anti Human myeloperoxidase antibody detects a band of 60 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti myeloperoxidase detects a band of approximately 60 kDa in HL-60 cell lysates.

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 #10579 available at: <https://www.bio-rad-antibodies.com/SDS/VPA00193>
Antibody (10579)

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (H/L) (STAR208...) [HRP](#)

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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](https://www.bio-rad-antibodies.com/datasheets)
'M370561:200529'

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