

Datasheet: VMA00473

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|----------------------|------------------------|
| Description: | MOUSE ANTI EPHX1 |
| Specificity: | EPHX1 |
| Format: | Purified |
| Product Type: | PrecisionAb Monoclonal |
| Clone: | OTI2D8 |
| Isotype: | IgG2b |
| 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 | Purified IgG prepared by affinity chromatography on Protein G from ascites |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.09% Sodium Azide (NaN ₃) 1% Bovine Serum Albumin 50% Glycerol |
| Immunogen | Recombinant protein fragment corresponding to amino acids 21-230 of human EPHX1 produced in <i>E. Coli</i> |
| External Database | UniProt: |

Entrez Gene:[2052](#)

EPHX1

[Related reagents](#)**Synonyms**

EPHX, EPOX

Specificity

Mouse anti Human EPHX1 antibody recognizes EPHX1 also known as epoxide hydrolase 1, epoxide hydratase or microsomal epoxide hydrolase.

Epoxide hydrolase is a critical biotransformation enzyme that converts epoxides from the degradation of aromatic compounds to trans-dihydrodiols which can be conjugated and excreted from the body. Epoxide hydrolase functions in both the activation and detoxification of epoxides. Mutations in EPHX1 cause preeclampsia, epoxide hydrolase deficiency or increased epoxide hydrolase activity or Familial hypercholanemia ([FHCA](#)). Alternatively spliced transcript variants encoding the same protein have been found for EPHX1 (provided by RefSeq, Dec 2008).

Mouse anti Human EPHX1 antibody detects a band of 47 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting

Anti EPHX1 detects a band of approximately 47 kDa in A549 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 #10048 available at:
Antibody (10048): <https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

Recommended Negative Controls

[MOUSE IgG2b NEGATIVE CONTROL \(MCA691\)](#)

North & South America

Tel: +1 800 265 7376

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)

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