

Datasheet: VMA00528

**BATCH NUMBER 170420**

|                      |                        |
|----------------------|------------------------|
| <b>Description:</b>  | MOUSE ANTI EZH2        |
| <b>Specificity:</b>  | EZH2                   |
| <b>Format:</b>       | Purified               |
| <b>Product Type:</b> | PrecisionAb Monoclonal |
| <b>Clone:</b>        | EF01/1C3.H6.1          |
| <b>Isotype:</b>      | IgG1                   |
| <b>Quantity:</b>     | 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](http://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

### 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

Mouse monoclonal antibody purified by affinity chromatography on Protein G from tissue culture supernatant

### Buffer Solution

Phosphate buffered saline

|                                      |  |
|--------------------------------------|--|
| <b>Preservative Stabilisers</b>      | 0.09% Sodium Azide (NaN <sub>3</sub> )   |
| <b>Immunogen</b>                     | <i>E. coli</i> -derived recombinant human EZH2 (amino acids 351 - 453)   |
| <b>External Database Links</b>       | <p><b>UniProt:</b><br/> <a href="#">Q15910</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b><br/> <a href="#">2146</a>    EZH2    <a href="#">Related reagents</a></p>  |
| <b>Synonyms</b>                      | KMT6   |
| <b>Specificity</b>                   | <p><b>Mouse anti Human EZH2 antibody</b> recognizes the Histone-lysine N-methyltransferase EZH2, also known as enhancer of zeste homolog 2, or lysine N-methyltransferase 6.</p> <p>The EZH2 gene encodes a member of the Polycomb-group (PcG) family. PcG family members form multimeric protein complexes, which are involved in maintaining the transcriptional repressive state of genes over successive cell generations. This protein associates with the embryonic ectoderm development protein, the VAV1 oncoprotein, and the X-linked nuclear protein. This protein may play a role in the hematopoietic and central nervous systems. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for EZH2 (provided by RefSeq, Feb 2011).</p> <p>Mouse anti Human EZH2 antibody detects a band of 105 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.</p> |
| <b>Western Blotting</b>              | Anti EZH2 detects a band of approximately 105 kDa in Jurkat cell lysates   |
| <b>Storage</b>                       | Store undiluted at -20°C, avoiding repeated freeze thaw cycles.  |
| <b>Guarantee</b>                     | 12 months from date of despatch  |
| <b>Acknowledgements</b>              | PrecisionAb is a trademark of Bio-Rad Laboratories.  |
| <b>Health And Safety Information</b> | Material Safety Datasheet documentation #10040 available at:<br><a href="https://www.bio-rad-antibodies.com/SDS/VMA00528">https://www.bio-rad-antibodies.com/SDS/VMA00528</a><br>Antibody (10040)  |
| <b>Regulatory</b>                    | For research purposes only   |

## Related Products

### Recommended Secondary Antibodies

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

**North & South America**    Tel: +1 800 265 7376  
Fax: +1 919 878 3751

**Worldwide**    Tel: +44 (0)1865 852 700  
Fax: +44 (0)1865 852 739

**Europe**    Tel: +49 (0) 89 8090 95 21  
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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://bio-rad-antibodies.com/datasheets)

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