

**Product Name: EZH2 Mouse Monoclonal Antibody**  
**Catalog #: AMM81439**



## Summary

|                        |                                |
|------------------------|--------------------------------|
| <b>Production Name</b> | EZH2 Mouse Monoclonal Antibody |
| <b>Description</b>     | Mouse Monoclonal Antibody      |
| <b>Host</b>            | Mouse                          |
| <b>Application</b>     | IHC,FC,ELISA                   |
| <b>Reactivity</b>      | Human                          |

## Performance

|                     |  |
|---------------------|--|
| <b>Conjugation</b>  | Unconjugated   |
| <b>Modification</b> | Unmodified   |
| <b>Isotype</b>      | Mouse IgG1   |
| <b>Clonality</b>    | Monoclonal   |
| <b>Form</b>         | Liquid   |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| <b>Buffer</b>       | Purified antibody in PBS with 0.05% sodium azide   |
| <b>Purification</b> | Affinity Purification  |

## Immunogen

|                          |  |
|--------------------------|--|
| <b>Gene Name</b>         | EZH2   |
| <b>Alternative Names</b> | WVS; ENX1; EZH1; KMT6; WVS2; ENX-1; EZH2b; KMT6A                                     |
| <b>Gene ID</b>           | 2146.0   |
| <b>SwissProt ID</b>      | Q15910.Purified recombinant fragment of human EZH2 (AA: 1-194) expressed in E. Coli. |

## Application

|                         |   |
|-------------------------|---|
| <b>Dilution Ratio</b>   | IHC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000 |
| <b>Molecular Weight</b> | 85.4kDa                                       |

## Background

This gene encodes a member of the Polycomb-group (PcG) family. PcG family members form multimeric protein

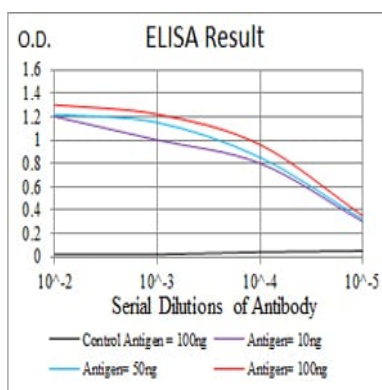
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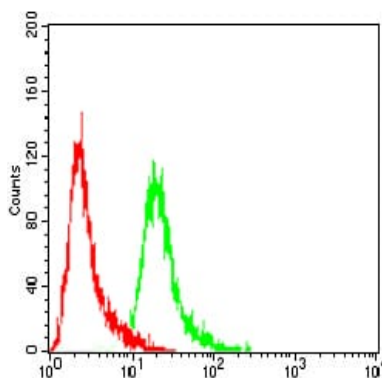
complexes, which are involved in maintaining the transcriptional repressive state of genes over successive cell generations. This protein associates with the embryonic ectoderm development protein, the VAV1 oncoprotein, and the X-linked nuclear protein. This protein may play a role in the hematopoietic and central nervous systems. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene.

## Research Area

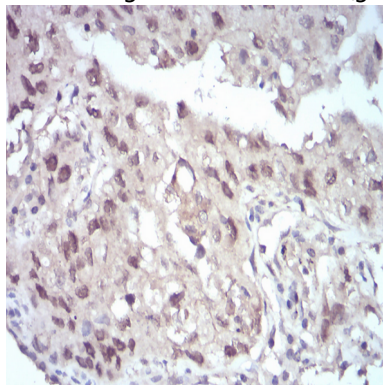
## Image Data



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



Flow cytometric analysis of Hela cells using EZH2 mouse mAb (green) and negative control (red).

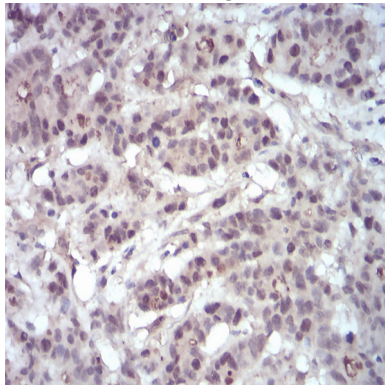


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Immunohistochemical analysis of paraffin-embedded human lung cancer tissues using EZH2 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using EZH2 mouse mAb with DAB staining.

### **Note**

For research use only.