

## Recombinant EHMT1 Monoclonal Antibody

catalog number: AN301697L

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Description

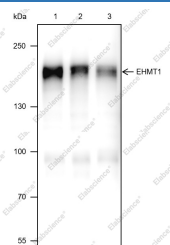
|                     |                                                                 |
|---------------------|-----------------------------------------------------------------|
| <b>Reactivity</b>   | Human                                                           |
| <b>Immunogen</b>    | Recombinant human EHMT1 fragment                                |
| <b>Host</b>         | Rabbit                                                          |
| <b>Isotype</b>      | Rabbit IgG                                                      |
| <b>Clone</b>        | C331320                                                         |
| <b>Purification</b> | Protein A purified                                              |
| <b>Buffer</b>       | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |

### Applications

### Recommended Dilution

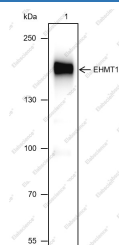
**WB** 1:1000-1:2000

### Data



Western Blot with EHMT1 Monoclonal Antibody at dilution of 1:1000. Lane 1: MCF7, Lane 2: T-47D, Lane 3: SK-BR-3

**Observed-MW:180 kDa**  
**Calculated-MW:141 kDa**



Western Blot with EHMT1 Monoclonal Antibody at dilution of 1:2000. Lane 1: HeLa

**Observed-MW:180 kDa**  
**Calculated-MW:141 kDa**

### Preparation & Storage

|                 |                                                                 |
|-----------------|-----------------------------------------------------------------|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. |
| <b>Shipping</b> | Ice bag                                                         |

### Background

Histone methyltransferase that specifically mono- and dimethylates 'Lys-9' of histone H3 (H3K9me1 and H3K9me2, respectively) in euchromatin. H3K9me represents a specific tag for epigenetic transcriptional repression by recruiting HP1 proteins to methylated histones. Also weakly methylates 'Lys-27' of histone H3 (H3K27me).

### For Research Use Only

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