

## Recombinant MORF4L2 Monoclonal Antibody

catalog number: **AN302049L**

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

### Description

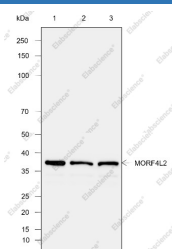
|                     |                                                                 |
|---------------------|-----------------------------------------------------------------|
| <b>Reactivity</b>   | Human                                                           |
| <b>Immunogen</b>    | Peptide. This information is proprietary to PTMab.              |
| <b>Host</b>         | Rabbit                                                          |
| <b>Isotype</b>      | Rabbit IgG                                                      |
| <b>Clone</b>        | C321670                                                         |
| <b>Purification</b> | Protein A purified                                              |
| <b>Buffer</b>       | PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant. |

### Applications

### Recommended Dilution

|            |               |
|------------|---------------|
| <b>WB</b>  | 1:2000-1:5000 |
| <b>IHC</b> | 1:100         |

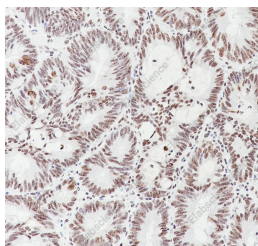
### Data



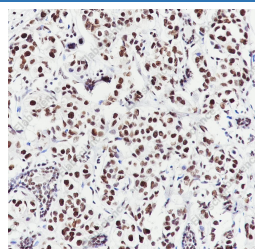
Western Blot with MORF4L2 Monoclonal Antibody at dilution of 1:5000. Lane 1: K562, Lane 2: HeLa, Lane 3: U-87 MG

**Observed-MW:32 kDa**

**Calculated-MW:32 kDa**



Immunohistochemistry of paraffin-embedded Human colon cancer using MORF4L2 Monoclonal Antibody at dilution of 1:100.



Immunohistochemistry of paraffin-embedded Human breast cancer using MORF4L2 Monoclonal Antibody at dilution of 1:100.

### Preparation & Storage

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

### Background

### For Research Use Only

Toll-free: 1-888-852-8623  
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Rev. V1.2

The MRGX protein is a component of the NuA4 histone acetyltransferase complex. It alters the interaction between nucleosomes and DNA by acetylating histones H4 and H2A, thereby facilitating the interaction between modified histones and other proteins that positively regulate transcription. It plays an important role in selective gene transcription activation. In addition, the MRGX protein is also a component of the MSIN3A complex, where it inhibits transcription by deacetylating histones.