

## Anti-UFM1 antibody

|                 |                                                         |
|-----------------|---------------------------------------------------------|
| <b>Cat. No.</b> | ml224161                                                |
| <b>Package</b>  | 25 µl/100 µl/200 µl                                     |
| <b>Storage</b>  | -20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol |

### Product overview

|                     |                                      |
|---------------------|--------------------------------------|
| <b>Description</b>  | Anti-UFM1 rabbit polyclonal antibody |
| <b>Applications</b> | ELISA, IHC                           |
| <b>Immunogen</b>    | Full length fusion protein           |
| <b>Reactivity</b>   | Human, Mouse, Rat                    |
| <b>Content</b>      | 0.6 mg/ml                            |
| <b>Host species</b> | Rabbit                               |
| <b>Ig class</b>     | Immunogen-specific rabbit IgG        |
| <b>Purification</b> | Antigen affinity purification        |

### Target information

|                  |                           |
|------------------|---------------------------|
| <b>Symbol</b>    | UFM1                      |
| <b>Full name</b> | ubiquitin-fold modifier 1 |
| <b>Synonyms</b>  | BM-002; C13orf20          |
| <b>Swissprot</b> | P61960                    |

### Target Background

UFM1 is a ubiquitin-like protein that is conjugated to target proteins by E1-like activating enzyme UBA5 (UBE1DC1; MIM 610552) and E2-like conjugating enzyme UFC1 (MIM 610554) in a manner analogous to ubiquitylation (see UBE2M; MIM 603173) (Komatsu et al., 2004 [PubMed 15071506]).

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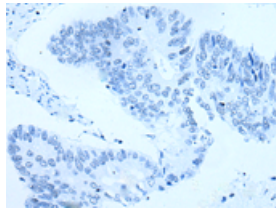
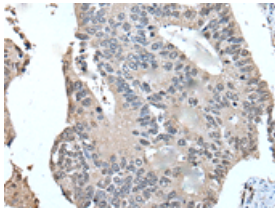
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm and Nucleus

Positive control: Human colorectal cancer

Recommended dilution: 30-150



The image on the left is immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using ml224161(UFM1 Antibody) at dilution 1/45, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

### ELISA

Recommended dilution: 5000-10000

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