

# Anti-MAD3 Rabbit Monoclonal Antibody

Catalog # ABO15605

## Product Information

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|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB, IHC, FC                                                                                                                         |
| <b>Primary Accession</b> | <a href="#">Q9BW11</a>                                                                                                              |
| <b>Host</b>              | Rabbit                                                                                                                              |
| <b>Isotype</b>           | IgG                                                                                                                                 |
| <b>Reactivity</b>        | Rat, Human, Mouse                                                                                                                   |
| <b>Clonality</b>         | Monoclonal                                                                                                                          |
| <b>Format</b>            | Liquid                                                                                                                              |
| <b>Description</b>       | Anti-MAD3 Rabbit Monoclonal Antibody . Tested in WB, IHC, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat. |

## Additional Information

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| <b>Gene ID</b>             | 83463                                                                                                                                                                                               |
| <b>Other Names</b>         | Max dimerization protein 3, Max dimerizer 3, Class C basic helix-loop-helix protein 13, bHLHc13, Max-associated protein 3, Max-interacting transcriptional repressor MAD3, Myx, MXD3, BHLHC13, MAD3 |
| <b>Calculated MW</b>       | 23477                                                                                                                                                                                               |
| <b>Application Details</b> | WB 1:500-1:2000<br>IHC 1:50-1:200<br>FC 1:50                                                                                                                                                        |
| <b>Source</b>              | Eukaryota                                                                                                                                                                                           |
| <b>Contents</b>            | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                                                                                 |
| <b>Clone Names</b>         | Clone: 21M81                                                                                                                                                                                        |
| <b>Immunogen</b>           | A synthesized peptide derived from human MAD3                                                                                                                                                       |
| <b>Purification</b>        | Affinity-chromatography                                                                                                                                                                             |
| <b>Storage</b>             | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.                                                          |

## Protein Information

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|-----------------|---------------|
| <b>Name</b>     | MXD3          |
| <b>Synonyms</b> | BHLHC13, MAD3 |

**Function**

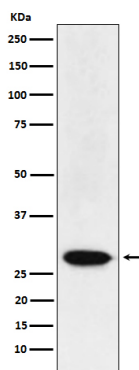
Transcriptional repressor. Binds with MAX to form a sequence- specific DNA-binding protein complex which recognizes the core sequence 5'-CAC[GA]TG-3'. Antagonizes MYC transcriptional activity by competing for MAX and suppresses MYC dependent cell transformation (By similarity).

**Cellular Location**

Nucleus {ECO:0000255 | PROSITE-ProRule:PRU00981}.

**Images**

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Western blot analysis of MAD3 expression in HeLa cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.