

HCE Monoclonal Antibody (T16-AF3F1)

Catalog NumberMA5-17255

Product data sheet

| Details            |                                                | Tested Applications                                                                                                                                                                            | Dilution * |
|--------------------|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Size               | 100 µL                                         | Western Blot (WB)                                                                                                                                                                              | 1:2,000    |
| Host/Isotope       | Mouse / IgG1                                   | * Suggested working dilutions are given as a guide only. It is recommended that the user titrate the product for use in their own experiment using appropriate negative and positive controls. |            |
| Class              | Monoclonal                                     |                                                                                                                                                                                                |            |
| Type               | Antibody                                       |                                                                                                                                                                                                |            |
| Clone              | T16-AF3F1                                      |                                                                                                                                                                                                |            |
| Immunogen          | Recombinant human protein purified from E.coli |                                                                                                                                                                                                |            |
| Conjugate          | Unconjugated                                   |                                                                                                                                                                                                |            |
| Form               | liquid                                         |                                                                                                                                                                                                |            |
| Storage Conditions | -20°C                                          |                                                                                                                                                                                                |            |

Product specific information

A suggested positive control for this product is Bosc23 cell lysate transfected with Myc/His/mRNA-capping enzyme.

Background/Target Information

Bifunctional mRNA-capping enzyme exhibiting RNA 5'-triphosphatase activity in the N-terminal part and mRNA guanylyltransferase activity in the C-terminal part. Catalyzes the first two steps of cap formation: by removing the gamma-phosphate from the 5'-triphosphate end of nascent mRNA to yield a diphosphate end, and by transferring the gmp moiety of GTP to the 5'-diphosphate terminus.

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