

# KD-Validated Anti-NAE1 Mouse Monoclonal Antibody

*Mouse monoclonal antibody*

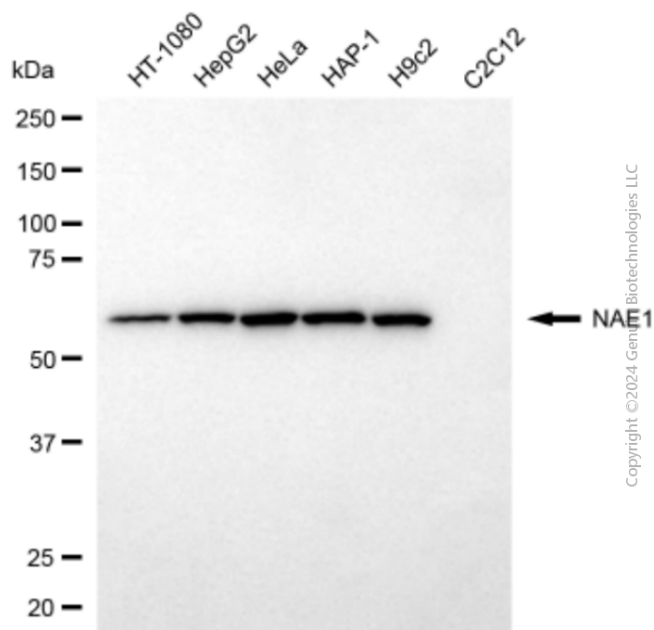
ABG2087

## Product Overview

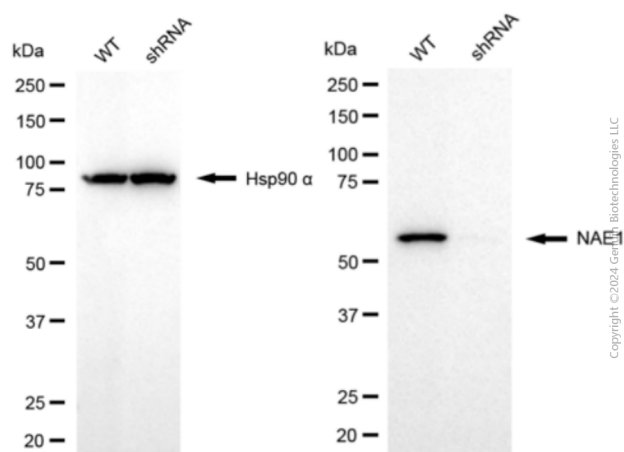
|                             |                                                                           |
|-----------------------------|---------------------------------------------------------------------------|
| <b>Name</b>                 | KD-Validated Anti-NAE1 Mouse Monoclonal Antibody                          |
| <b>Accession(Primary)</b>   | Q13564                                                                    |
| <b>Host Species</b>         | Mouse                                                                     |
| <b>Clonality</b>            | Monoclonal                                                                |
| <b>Isotype</b>              | Mouse IgG1                                                                |
| <b>Immunogen</b>            | Recombinant protein of human NAE1                                         |
| <b>Species Reactivity</b>   | Human, Rat                                                                |
| <b>Calculated MW</b>        | Predicted, 60 kDa, observed, 60 kDa                                       |
| <b>Storage Buffer</b>       | Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide. |
| <b>Recommended Dilution</b> | Western Blotting (WB): 1:400-1:2,000                                      |

## Target information (Q13564)

|                          |                                                                                                                                                                                                                                                               |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | NAE1                                                                                                                                                                                                                                                          |
| <b>About Gene Symbol</b> | NAE1 (NEDD8 Activating Enzyme E1 Subunit 1) is a proto-oncogene involved in gene transcription and regulation. It is an important research target in cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets. |



Western blotting analysis using anti-NAE1 antibody (Cat#ABG2087). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-NAE1 antibody (Cat#ABG2087, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-NAE1 antibody (Cat#ABG2087). NAE1 expression in wild-type (WT) and NAE1 shRNA knockdown (KD) HeLa cells with 20  $\mu$ g of total cell lysates. Hsp90  $\alpha$  serves as a loading control. The blot was incubated with anti-NAE1 antibody (Cat#ABG2087, 1:2,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.