

**Product Name: BRG1 (4E11) Mouse Monoclonal Antibody**  
**Catalog #: AMM03429**

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## Summary

|                        |                                       |
|------------------------|---------------------------------------|
| <b>Production Name</b> | BRG1 (4E11) Mouse Monoclonal Antibody |
| <b>Description</b>     | Primary antibody                      |
| <b>Host</b>            | Mouse                                 |
| <b>Application</b>     | WB,IP                                 |
| <b>Reactivity</b>      | Human                                 |

## Performance

|                     |  |
|---------------------|--|
| <b>Conjugation</b>  | Unconjugated   |
| <b>Modification</b> | Unmodified   |
| <b>Isotype</b>      | IgG1   |
| <b>Clonality</b>    | Monoclonal Antibody  |
| <b>Form</b>         | Liquid   |
| <b>Storage</b>      | Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles. |
| <b>Buffer</b>       | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.          |
| <b>Purification</b> | Affinity Purified  |

## Immunogen

|                          |  |
|--------------------------|--|
| <b>Gene Name</b>         | SMARCA4  |
| <b>Alternative Names</b> | SMARCA4; BAF190A; BRG1; SNF2B; SNF2L4; Transcription activator BRG1; ATP-dependent helicase SMARCA4; BRG1-associated factor 190A; BAF190A; Mitotic growth and transcription activator; Protein BRG-1; Protein brahma homolog 1; SNF2-beta; SWI/S |
| <b>Gene ID</b>           | 6597   |
| <b>SwissProt ID</b>      | P51532   |

## Application

|                         |  |
|-------------------------|--|
| <b>Dilution Ratio</b>   | WB: 1/500-1/1000 IP: 1/20                    |
| <b>Molecular Weight</b> | Calculated MW: 185 kDa; Observed MW: 220 kDa |

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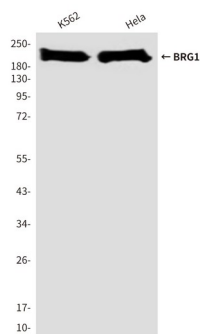
## Background

ATP-dependent chromatin remodeling complexes play an essential role in the regulation of various nuclear processes, such as gene expression, DNA replication, and repair. Acts as a corepressor of ZEB1 to regulate E-cadherin transcription and is required for induction of epithelial-mesenchymal transition (EMT) by ZEB1.

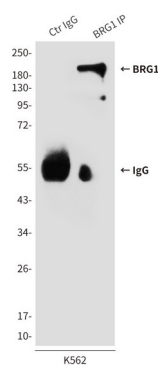
## Research Area

Neuroscience

## Image Data



Western blot analysis of SBRG1 in HeLa NE and K562 lysates using BRG1 antibody.



Immunoprecipitation analysis of BRG1 (4E11) in HeLa lysates. IP: BRG1 antibody(200282); WB: BRG1 antibody(201025).

## Note

For research use only.