

## Product Datasheet

### BRG1 Mouse Monoclonal Antibody (orb1474291)

|                             |   |
|-----------------------------|---|
| <b>Catalog Number</b>       | orb1474291  |
| <b>Category</b>             | Antibodies  |
| <b>Description</b>          | The BRG1 Antibody is suitable for IF, IP, WB. It is a Monoclonal, Unconjugated antibody which raised against Purified recombinant human BRG1 protein fragments expressed in E.coli. Purification: The antibody was purified by immunogen affinity chromatography. |
| <b>Target</b>               | SMARCA4   |
| <b>Clonality</b>            | Monoclonal  |
| <b>Species/Host</b>         | Mouse   |
| <b>Conjugation</b>          | Unconjugated  |
| <b>Reactivity</b>           | Human, Mouse  |
| <b>Form/Appearance</b>      | Liquid  |
| <b>Buffer/Preservatives</b> | PBS containing 50% glycerol, 0.5% rAlbumin and 0.02% sodium azide, pH 7.3.  |
| <b>Purification</b>         | The antibody was purified by immunogen affinity chromatography.   |
| <b>Immunogen</b>            | Purified recombinant human BRG1 protein fragments expressed in E.coli.  |
| <b>UniProt ID</b>           | <b>P51532, Q3TKT4</b>   |
| <b>Tested applications</b>  | IF, IP, WB  |
| <b>Dilution range</b>       | WB (1/500 - 1/1000), IF/IC (1/50 - 1/100), IP (1/10 - 1/50)   |
| <b>Specificity</b>          | Recognizes endogenous levels of BRG1 protein.   |

**Biorbyt Ltd.**

7 Signet Court, Swann Road  
Cambridge  
CB5 8LA  
United Kingdom

Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

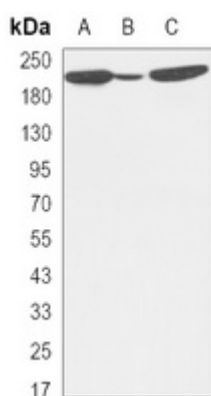
**Biorbyt LLC**

68 TW Alexander Drive  
Research Triangle Park  
Durham  
NC 27713  
United States

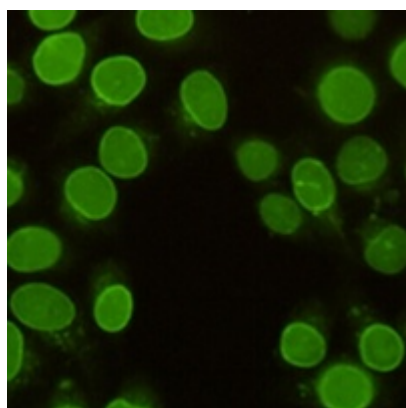
Email: [info@biorbyt.com](mailto:info@biorbyt.com), [support@biorbyt.com](mailto:support@biorbyt.com)

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

|                        |   |
|------------------------|---|
| <b>Antibody Type</b>   | Primary Antibody  |
| <b>Storage</b>         | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| <b>Note</b>            | For research use only   |
| <b>Entrez</b>          | <b>20586, 6597</b>  |
| <b>Expiration Date</b> | 12 months from date of receipt.   |



Western blot analysis of BRG1 expression in HeLa (A), F9 (B), K562 (C) whole cell lysates. (Predicted band size: 185 kD; Observed band size: 220 kD)



Immunofluorescent analysis of BRG1 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.

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CB5 8LA  
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