

## Product Datasheet

# BRG1 Mouse mAb

Catalog No: AB3133

Reactivity: Human

Isotype: Mouse IgG1

Applications: WB,IP



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### Information

**UniProt ID:** P51532

**All Names:** ATP-dependent helicase SMARCA4; BRG1-associated factor 190A; BAF190A; Mitotic growth and transcription activator; Protein BRG-1; Protein brahma homolog 1; SNF2-beta;

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 220KDa

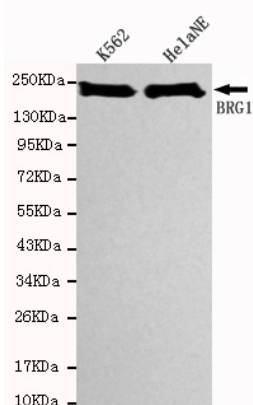
### Application

WB 1:1000

IP

### Background

Transcriptional coactivator cooperating with nuclear hormone receptors to potentiate transcriptional activation. Component of the CREST-BRG1 complex, a multiprotein complex that regulates promoter activation by orchestrating a calcium-dependent release of a repressor complex and a recruitment of an activator complex. In resting neurons, transcription of the c-FOS promoter is inhibited by BRG1-dependent recruitment of a phospho-RB1-HDAC repressor complex.



Western blot detection of SBRG1 in HeLa NE and K562 cell lysates using BRG1 mouse mAb (1:1000 diluted). Predicted band size: 220KDa. Observed band size: 220KDa.

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