

# KD-Validated Anti-SMARCD1 Rabbit Monoclonal Antibody

*Rabbit monoclonal antibody*

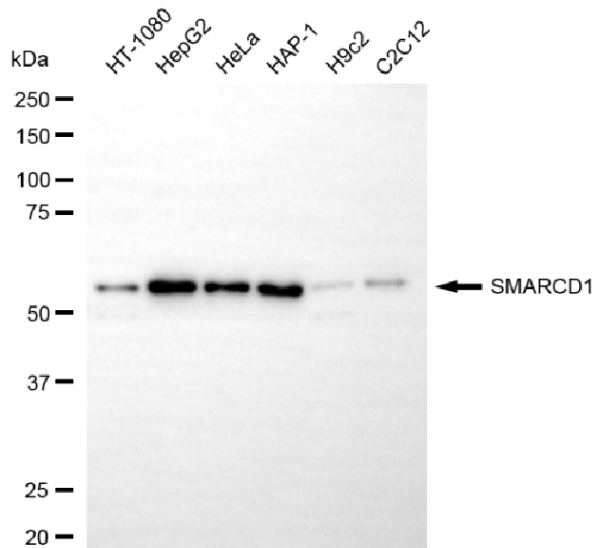
ABG2285

## Product Overview

|                             |                                                                           |
|-----------------------------|---------------------------------------------------------------------------|
| <b>Name</b>                 | KD-Validated Anti-SMARCD1 Rabbit Monoclonal Antibody                      |
| <b>Accession(Primary)</b>   | Q96GM5                                                                    |
| <b>Host Species</b>         | Rabbit                                                                    |
| <b>Clonality</b>            | Monoclonal                                                                |
| <b>Isotype</b>              | Rabbit IgG                                                                |
| <b>Immunogen</b>            | A synthesized peptide derived from human SMARCD1                          |
| <b>Species Reactivity</b>   | Human, Mouse, Rat                                                         |
| <b>Calculated MW</b>        | Predicted, 58 kDa; observed, 58 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): 1:1,000-1:5,000                                    |

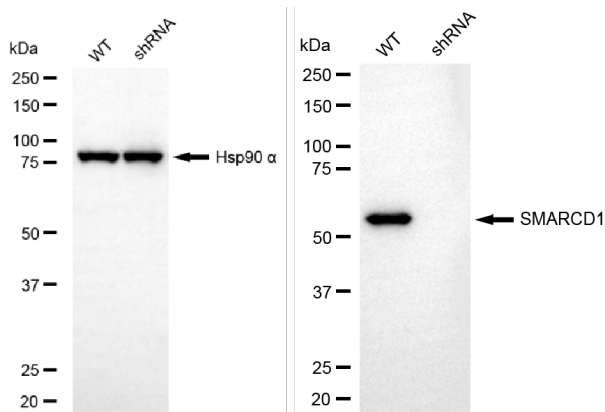
## Target information (Q96GM5)

|                          |                                                                                                                                                                                                                                                                 |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | SMARCD1                                                                                                                                                                                                                                                         |
| <b>About Gene Symbol</b> | SMARCD1 (SWI/SNF Related BAF Chromatin Remodeling Complex Subunit D1) is a structural cytoskeletal protein involved in chromatin remodeling and epigenetics. It is an important research target in cell biology, cancer metastasis, and cytoskeletal research a |



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Western blotting analysis using anti-SMARCD1 antibody (Cat#ABG2285). Total cell lysates (30  $\mu$ g) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-SMARCD1 antibody (Cat#ABG2285, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-SMARCD1 antibody (Cat#ABG2285). SMARCD1 expression in wild-type (WT) and SMARCD1 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-SMARCD1 antibody (Cat#ABG2285, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.