

# KD-Validated Anti-SORL1 Mouse Monoclonal Antibody

*Mouse monoclonal antibody*

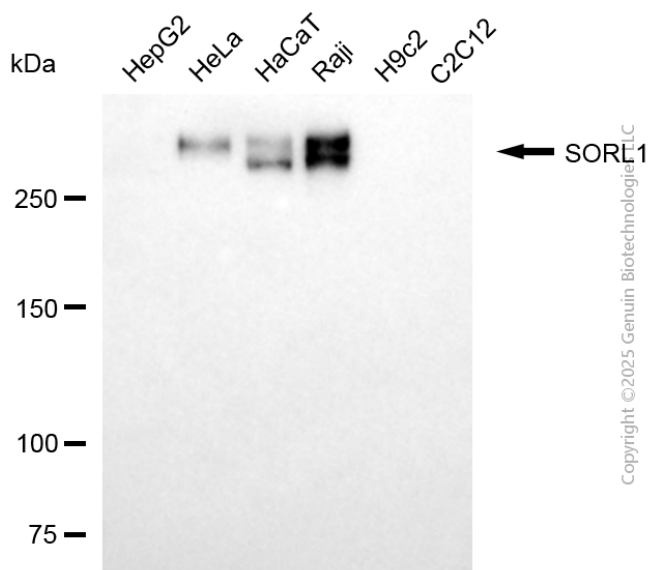
ABG2096

## Product Overview

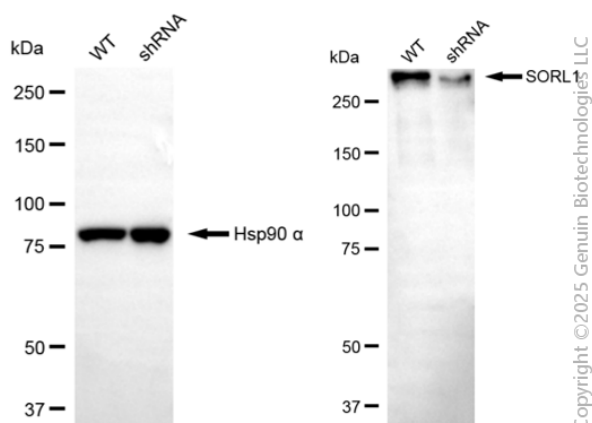
|                             |                                                                           |
|-----------------------------|---------------------------------------------------------------------------|
| <b>Name</b>                 | KD-Validated Anti-SORL1 Mouse Monoclonal Antibody                         |
| <b>Accession(Primary)</b>   | Q92673                                                                    |
| <b>Host Species</b>         | Mouse                                                                     |
| <b>Clonality</b>            | Monoclonal                                                                |
| <b>Isotype</b>              | Mouse IgG2b                                                               |
| <b>Immunogen</b>            | Recombinant protein of human SORL1                                        |
| <b>Species Reactivity</b>   | Human                                                                     |
| <b>Calculated MW</b>        | Predicted, 248 kDa, observed, 300-350 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): 1:500-1:2,500                                      |

## Target information (Q92673)

|                          |                                                                                                                                                                                                                                                                                        |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | SORL1                                                                                                                                                                                                                                                                                  |
| <b>About Gene Symbol</b> | SORL1 (Sortilin Related Receptor 1) is a membrane receptor involved in receptor-mediated signaling. It is an important research target in cell signaling, drug discovery, and cancer research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets. |



Western blotting analysis using anti-SORL1 antibody (Cat#ABG2096). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-SORL1 antibody (Cat#ABG2096, 1:2,500) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-SORL1 antibody (Cat#ABG2096). SORL1 expression in wild-type (WT) and SORL1 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-SORL1 antibody (Cat#ABG2096, 1:1,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.