

# KD-Validated Anti-Caldesmon 1 Rabbit Monoclonal Antibody

*Rabbit monoclonal antibody*

ABG1852

## Product Overview

|                             |                                                                           |
|-----------------------------|---------------------------------------------------------------------------|
| <b>Name</b>                 | KD-Validated Anti-Caldesmon 1 Rabbit Monoclonal Antibody                  |
| <b>Accession(Primary)</b>   | Q05682                                                                    |
| <b>Host Species</b>         | Rabbit                                                                    |
| <b>Clonality</b>            | Monoclonal                                                                |
| <b>Isotype</b>              | Rabbit IgG                                                                |
| <b>Immunogen</b>            | A synthesized peptide derived from human Caldesmon                        |
| <b>Species Reactivity</b>   | Human, Mouse, Rat                                                         |
| <b>Calculated MW</b>        | Predicted, 93 kDa, observed, 70-80 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 Flow Cytometry (FCM): 1:2,000      |

## Target information (Q05682)

|                          |                                                                                                                                                                                                                                                                                                      |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | CALD1                                                                                                                                                                                                                                                                                                |
| <b>About Gene Symbol</b> | CALD1 (Caldesmon 1) is a protein kinase and signaling regulator involved in cell signaling and proliferation. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets. |

