



## Anti-Human Dkk-1 (#5E92)

20230310DS



**FOR RESEARCH ONLY! NOT FOR HUMAN USE!**

|                  |                            |
|------------------|----------------------------|
| <b>Cat.-no.:</b> | <b>101-M426</b>            |
| Size:            | 100 µg                     |
| Lot. No.:        | According to product label |

**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with human recombinant Dkk-1.

### Target Background

|                           |                 |
|---------------------------|-----------------|
| <b>Synonyms (Target):</b> | DKK1; SK; DKK-1 |
|---------------------------|-----------------|

Dkk1 is a Dickkopf-related protein that inhibits Wnt signaling by binding the Wnt coreceptor LRP5/6. It also binds Kremen1 and Kremen2. Dkk1 is important in embryonic development.

### Database References Target

|                        |             |
|------------------------|-------------|
| <b>Protein RefSeq:</b> | NP_036374.1 |
| <b>Uniprot ID:</b>     | O94907      |
| <b>mRNA RefSeq:</b>    | NM_012242.2 |

### Product Specifications

|                              |                          |
|------------------------------|--------------------------|
| <b>Host</b>                  | Mouse                    |
| <b>Reactivity against</b>    | Human                    |
| <b>Clonality</b>             | Monoclonal Antibody      |
| <b>Clone</b>                 | (#5E92)                  |
| <b>Isotype</b>               | IgG2                     |
| <b>Purification</b>          | Protein G chromatography |
| <b>Antigen</b>               | recombinant human Dkk-1  |
| <b>Formulation</b>           | lyophilized              |
| <b>Reconstitution buffer</b> | PBS                      |

### Application/Handling

**Reconstitution:** Centrifuge vial prior to opening. Reconstitute the antibody with 500 µl sterile PBS and the final concentration is 200 µg/ml.

**Stability:** Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20°C for at least for six months without detectable loss of activity.



**AVOID REPEATED FREEZE AND THAW CYCLES!**

### Applications

The antibody can be used within the following applications:

IHC, Capture Ab

**NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!**