

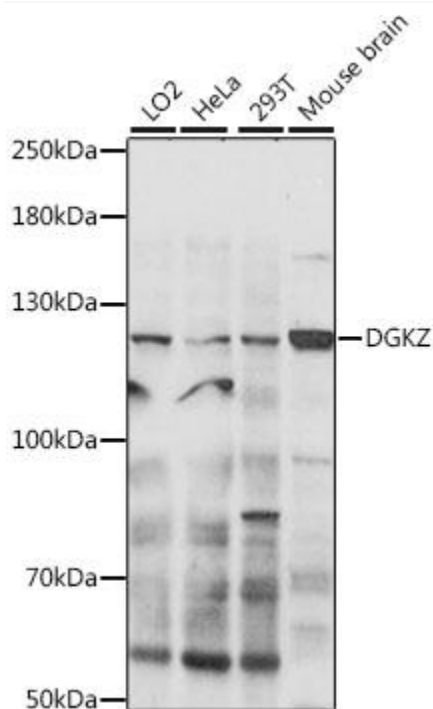


# DGKZ Mouse mAb

|                                    |                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog No</b>                  | YP-mAb-19218                                                                                                                                                                                                                                                                                                                                                    |
| <b>Isotype</b>                     | IgG                                                                                                                                                                                                                                                                                                                                                             |
| <b>Reactivity</b>                  | Human;Mouse;Rat                                                                                                                                                                                                                                                                                                                                                 |
| <b>Applications</b>                | WB                                                                                                                                                                                                                                                                                                                                                              |
| <b>Gene Name</b>                   |                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Immunogen</b>                   | Recombinant protein (or fragment).This information is considered to be commercially sensitive.                                                                                                                                                                                                                                                                  |
| <b>Specificity</b>                 |                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Formulation</b>                 |                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>                      | Monoclonal,Mouse,IgG                                                                                                                                                                                                                                                                                                                                            |
| <b>Purification</b>                | Affinity purification                                                                                                                                                                                                                                                                                                                                           |
| <b>Dilution</b>                    | WB 1:500-2000                                                                                                                                                                                                                                                                                                                                                   |
| <b>Concentration</b>               | 1 mg/ml                                                                                                                                                                                                                                                                                                                                                         |
| <b>Purity</b>                      | ≥90%                                                                                                                                                                                                                                                                                                                                                            |
| <b>Storage Stability</b>           | -20°C/1 year                                                                                                                                                                                                                                                                                                                                                    |
| <b>Synonyms</b>                    | BAR;RNF47;BFAR;DAGK5;DAGK6;DGK-ZETA;hDGKzeta;DGKZ                                                                                                                                                                                                                                                                                                               |
| <b>Observed Band</b>               | 53kDa                                                                                                                                                                                                                                                                                                                                                           |
| <b>Calculated Molecular Weight</b> | 53kDa                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cell Pathway</b>                |                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Tissue Specificity</b>          |                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Function</b>                    |                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Background</b>                  | The protein encoded by this gene belongs to the eukaryotic diacylglycerol kinase family. It may attenuate protein kinase C activity by regulating diacylglycerol levels in intracellular signaling cascade and signal transduction. Alternative splicing occurs at this locus and multiple transcript variants encoding distinct isoforms have been identified. |
| <b>matters needing attention</b>   | Avoid repeated freezing and thawing!                                                                                                                                                                                                                                                                                                                            |

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

Western blot analysis of various lysates using DGKZ Mouse mAb (A16457) at 1:300 dilution. Secondary antibody: HRP-conjugated Goat anti-Mouse IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25μg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.