Anti-DGKZ Antibody [K49027_7F9]

Catalog No. K49027M07F09C

Overview

- **Product name**: Anti-DGKZ Antibody [K49027_7F9]
- **Antibody specificity**: Diacylglycerol kinase zeta
- **Species reactivity**: Human, Mouse
- **Clonality**: Monoclonal
- **Clone number**: K49027_7F9
- **Host / isotype**: Mouse / IgG2a
- **Immunogen**: Recombinant Human DGKZ
- **Cross reactivity**: Not tested
- **Kinetic characterization by BLI (biolayer interferometry)**: Not tested
- **Purification**: Protein A purified from cell culture supernatants
- **Form**: Liquid
- **Concentration**: 1 mg/mL in phosphate buffered saline containing 0.09% preservative
- **Conjugation**: Unconjugated

Shipping, storage and shelf life

- * 3 months when stored at 2 to 8 °C
- * 1 year when aliquoted and stored at -20 °C
- * 3 years when aliquoted and stored at -80 °C

Applications

<table>
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<th>Application</th>
<th>Recommended concentration</th>
<th>Note</th>
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<tbody>
<tr>
<td>Western blot (WB)</td>
<td>1 µg/mL</td>
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<tr>
<td>Indirect ELISA</td>
<td>1 µg/mL</td>
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Note:
- * The applications above have already been verified. The antibody may be suitable for additional applications.
- * Optimal antibody concentrations for each application should be determined by the user.

Additional information

- **Target antigen**
  - Protein name: Diacylglycerol kinase zeta
  - Gene name: DGKZ
  - UniProt Accession: Q13574
  - Organism: Homo sapiens (Human)
**Western blotting**

15 µg of mouse brain tissue lysate was run on 6-18% SDS-PAGE under reducing conditions and blotted onto nitrocellulose membrane. K49027_7F9 at 1 µg/mL was used as the primary antibody and peroxidase conjugated goat anti-mouse IgG was used as the secondary antibody. DGKZ band was visualized using ECL Western Blotting Substrate.

Result: K49027_7F9 can detect DGKZ by Western blotting.