# CD3d / CD3 delta Antibody, Mouse MAb

**Catalog Number:** 10981-MM08

## GENERAL INFORMATION

<table>
<thead>
<tr>
<th><strong>Immunogen:</strong></th>
<th>Recombinant Human CD3D protein (Catalog#10981-H08H)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Preparation</strong></td>
<td>This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human CD3D (rh CD3D; Catalog#10981-H08H; NP_000723.1; Met 1-Ala 105). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.</td>
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<tr>
<td><strong>Ig Type:</strong></td>
<td>Mouse IgG1</td>
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<tr>
<td><strong>Clone ID:</strong></td>
<td>6B8D1G5</td>
</tr>
<tr>
<td><strong>Specificity:</strong></td>
<td>Human CD3D</td>
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<td><strong>Formulation:</strong></td>
<td>0.2 μm filtered solution in PBS</td>
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<tr>
<td><strong>Storage:</strong></td>
<td>This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.</td>
</tr>
</tbody>
</table>

## APPLICATIONS

**Applications:** WB, ELISA, ELISA(Det), IP

## RECOMMENDED CONCENTRATION

| **Western Blot** | WB: 1:500-1:2000 |
| **Immunoprecipitation** | IP: 1-4 μL/mg of lysate |
| **ELISA** | ELISA: 1:1000-1:2000 This antibody can be used at 1:1000-1:2000 with the appropriate secondary reagents to detect Human CD3D. |
| **Sandwich ELISA (Detection Ab)** | ELISA(Det): 1:1000-1:10000 This antibody will detect Human CD3d / CD3 delta in ELISA pair set (Catalog: # SEK10981). In a sandwich ELISA, it can be used as detection antibody when paired with (Catalog: # 10981-MM07). |

*Please Note: Optimal concentrations/dilutions should be determined by the end user.*
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Anti-CD3D mouse monoclonal antibody at 1:500 dilution
Lane A: Jurkat Whole Cell Lysate

Lysates/proteins at 30 µg per lane.
Secondary
Goat Anti-Mouse IgG H&L (Dylight800) at 1/15000 dilution.

Developed using the Odyssey technique.
Performed under reducing conditions.

Predicted band size: 19 kDa
Observed band size: 24 kDa

CD3D was immunoprecipitated using:
Lane A: 0.5 mg Jurkat Whole Cell Lysate
Lane B: 0.5 mg HuT78 Whole Cell Lysate

2 µL anti-CD3D mouse monoclonal antibody and 15 µl of 50 % Protein G agarose.

Primary antibody:
Anti-CD3D mouse monoclonal antibody, at 1:500 dilution

Secondary antibody:
Dylight 800-labeled antibody to Mouse IgG (H+L), at 1:7500 dilution

Developed using the odssey technique.
Performed under reducing conditions.

Predicted band size: 20 kDa
Observed band size: 20 kDa