# CD4 Antibody, Mouse MAb

**Catalog Number:** 10400-MM04

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## GENERAL INFORMATION

<table>
<thead>
<tr>
<th><strong>Immunogen:</strong></th>
<th>Recombinant Human CD4 Protein (Catalog#10400-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 CD4 (rh CD4; Catalog#10400-H08H; NP_000607.1; Met1-Trp390). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.</td>
</tr>
<tr>
<td><strong>Ig Type:</strong></td>
<td>Mouse IgG1</td>
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<tr>
<td><strong>Clone ID:</strong></td>
<td>04</td>
</tr>
<tr>
<td><strong>Specificity:</strong></td>
<td>Human CD4</td>
</tr>
<tr>
<td><strong>Formulation:</strong></td>
<td>0.2 μm filtered solution in PBS</td>
</tr>
</tbody>
</table>

### Storage:

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.

## APPLICATIONS

**Applications:** WB

## RECOMMENDED CONCENTRATION

**Western Blot**

WB: 1:500-1:1000

*Please Note: Optimal concentrations/dilutions should be determined by the end user.*
Anti-CD4 mouse monoclonal antibody at 1:500 dilution
Lane A: HepG2 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: 51 kDa
Observed band size: 55 kDa