## Product Details

### RRID
AB_323481

### Applications

<table>
<thead>
<tr>
<th>Technique</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
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<tbody>
<tr>
<td>Flow Cytometry</td>
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<td>1/10 - 1/25</td>
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<td>Immunohistology - Frozen</td>
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<td>Immunohistology - Paraffin</td>
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<td>ELISA</td>
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<td>Immunoprecipitation</td>
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<td>Western Blotting</td>
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<td>Cytotoxic Assays</td>
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Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

### Target Species
Mouse

### Product Form
IgM fraction - liquid

### Preparation
IgM fraction prepared by ammonium sulphate precipitation

### Buffer Solution
Phosphate buffered saline

### Preservative Stabilisers
0.09% Sodium Azide

### Approx. Protein Concentrations
IgM concentration 1.0 mg/ml

### External Database Links
UniProt:
Spleen cells from immunised AKR mice were fused with cells of the mouse NS-1 myeloma cell line. 

**Specificity**  
Mouse anti Mouse CD90 antibody, clone F7D5 recognizes the mouse Thy1.2 alloantigen, also known as CD90.2, which is expressed by thymocytes and peripheral T lymphocytes. Clone F7D5 reacts with Thy1.2 mice such as CBA and BALB/C, but not with Thy1.1 mice e.g. AKR and FUB. The antibody is particularly useful for removal of T lymphocytes from cell populations by complement mediated cytotoxicity (Lake et al., 1979).

Mouse anti Mouse CD90 antibody, clone F7D5 is routinely tested in flow cytometry using mouse thymocytes.

**References**

Storage
Store at +4°C or at -20°C if preferred.
This product should be stored undiluted.
Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life
18 months from date of despatch.

Health And Safety Information
Material Safety Datasheet documentation #10040 available at:

Regulatory
For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...) Alk. Phos., HRP
Goat Anti Mouse IgM (STAR138...) Alk. Phos.
Goat Anti Mouse IgM (STAR86...) RPE
Human Anti Mouse IgM (HCA040...) FITC

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