



11 Park Drive, Suite 12  
Boston, MA 02215

## Mouse anti-human CD3 $\epsilon$

### ORDERING INFORMATION

<b>Catalog No:</b>	<b>hAP-0167</b>
<b>Size:</b>	<b>100 <math>\mu</math>g</b>
<b>Storage:</b>	<b>&lt; -20° C</b>
<b>Immunogen:</b>	<b>Human recombinant CD3<math>\epsilon</math></b>
<b>Ig Type:</b>	<b>mouse IgG1</b>
<b>Clone:</b>	<b>MM0167-3F43</b>
<b>Applications:</b>	<b>FC, IHC, and Activation of T cells</b>

**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse immunized with **human recombinant protein of CD3 $\epsilon$** ).

**Formulation and Storage:** The IgG fraction of culture supernatant was purified by Protein G affinity chromatography and lyophilized from a 0.2  $\mu$ m filtered solution in phosphate-buffered saline (PBS). Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C.

**Reconstitution:** Reconstitute the antibody with 200  $\mu$ l sterile PBS and the final concentration is 500 $\mu$ g/ml. Reconstituted antibody can also be aliquoted and stored frozen at < -20 for at least for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

**Specificity:** This antibody was selected for its ability to detect human CD3 $\epsilon$ .

#### **Applications:**

<b>1. IHC (frozen)</b>	<b>Yes</b>	<b>(1:50-100)</b>
<b>2. FC</b>	<b>Yes</b>	<b>(1:50-100)</b>
<b>3. T cell activation</b>	<b>Yes</b>	

**Final dilutions should be optimized by the end users and the dilutions provided in the data sheet are for reference only**

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