

## Mouse Monoclonal anti human ERK2

### ORDERING INFORMATION

<b>Catalog No:</b>	<b>hAP-0726</b>
<b>Size:</b>	<b>100µg</b>
<b>Storage:</b>	<b>&lt;-20°C</b>
<b>Immunogen:</b>	<b>Recombinant human ERK2</b>
<b>Ig Type:</b>	<b>Mouse IgG2</b>
<b>Clone:</b>	<b>MM0726-33Q22</b>
<b>Applications:</b>	<b>WB and IHC</b>

**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse immunized with recombinant human ERK2).

**Formulation and Storage:** The IgG fraction of culture supernatant was purified by Protein G affinity chromatography and lyophilized from a 0.2 µm 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 500µl sterile PBS and the final concentration is 200µg/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 recognizes human ERK2 in direct ELISAs and Western blots. It cross reacts with mouse and rat ERK2. In Western blots, no cross reactivity with human ERK1 is observed.

### *Applications:*

<b>1.</b>	<b>IHC</b>	<b>Yes</b>	<b>1:50-200</b>
<b>2.</b>	<b>WB</b>	<b>Yes</b>	<b>1:1000-2000</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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