

## **Mouse Monoclonal anti Human HSP60**

### **ORDERING INFORMATION**

|                      |                                |
|----------------------|--------------------------------|
| <b>Catalog No:</b>   | <b>hAP-1021</b>                |
| <b>Size:</b>         | <b>100µg</b>                   |
| <b>Storage:</b>      | <b>&lt;-20°C</b>               |
| <b>Immunogen:</b>    | <b>Recombinant human HSP60</b> |
| <b>Ig Type:</b>      | <b>Mouse IgG2</b>              |
| <b>Clone:</b>        | <b>MM1021-4E37</b>             |
| <b>Applications:</b> | <b>WB and ICC</b>              |

**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells) from a mouse immunized with recombinant human HSP60 (Heat Shock Protein 60). HSP60 is also called Chaperonin 60 (CPN60) and is a mitochondrial matrix protein belonging to a highly conserved family of molecular chaperone and stress response proteins.

**Formulation and Storage:** The IgG fraction of culture supernatant was purified by Protein G affinity chromatography and lyophilized from a 0.2µm 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 500ul sterile PBS and the final concentration is 200ug/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 HSP60 in direct ELISAs and WBs. It cross reacts with mouse and rat HSP60 in WBs.

### **Applications:**

|           |            |            |                    |
|-----------|------------|------------|--------------------|
| <b>1.</b> | <b>WB</b>  | <b>Yes</b> | <b>1:1000-2000</b> |
| <b>2.</b> | <b>ICC</b> | <b>Yes</b> | <b>1:100-200</b>   |

**Final dilutions should be optimized by the end users and the dilutions provided in the data sheet are for reference only.  
This Product is For Research Use Only**