



11 Park Drive, Suite 12  
Boston, MA 02215

## Mouse Monoclonal anti human Carbonic Anhydrase IV (CA4)

### ORDERING INFORMATION

<b>Catalog No:</b>	<b>hAP-0675</b>
<b>Size:</b>	<b>100µg</b>
<b>Storage:</b>	<b>&lt;-20°C</b>
<b>Immunogen:</b>	<b>Recombinant human CA4</b>
<b>Ig Type:</b>	<b>mouse IgG2</b>
<b>Clone:</b>	<b>MM0675-5P41</b>
<b>Applications:</b>	<b>IHC and WB</b>

**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse immunized with recombinant human CA4).

**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 CA4 in direct ELISA and WB. Weak cross reactivity to human CA1 and A2 is observed. No cross reactivity to human CA3, 8, 9, 10, 12, 13, or 14 is observed.

### *Applications:*

1.	IHC	Yes	1:50-100
2.	WB	Yes	1:1000-2000

**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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