



11 Park Drive, Suite 12  
Boston, MA 02215

## Mouse anti-human Integrin $\alpha 2$ /CD49b

### ORDERING INFORMATION

<b>Catalog No:</b>	<b>hAP-0415</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 Integrin <math>\alpha 2</math></b>
<b>Ig Type:</b>	<b>mouse IgG2</b>
<b>Clone:</b>	<b>MM0415-2B13</b>
<b>Applications:</b>	<b>FC and IHC</b>

**Preparation:** This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse immunized with **human recombinant protein of Integrin  $\alpha 2$**  (also called **CD49b**)).

**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 **Integrin  $\alpha 2$** .

#### *Applications:*

<b>1.</b>	<b>FC</b>	<b>Yes</b>	<b>(1:50-200)</b>
<b>2.</b>	<b>IHC (frozen)</b>	<b>Yes</b>	<b>(1:20-100)</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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