

## IFNAR1

### Mouse Anti-Human IFN-alpha/beta R1 Clone MMHAR-1 mAb

<b>Catalog No.</b>	CMI224	<b>Quantity:</b>	0.5 mg
<b>Alternate Names:</b>	AVP, IFN-alpha-REC, IFNAR, IFNBR, IFRC		
<b>Description:</b>	Mouse Anti-Human Interferon Alpha/Beta R1		
<b>Concentration:</b>	0.5 mg/ml; after reconstitution with 1ml sterile PBS		
<b>Gene ID:</b>	3454		
<b>Specificity:</b>	Detects human interferon alpha/beta R1; in direct ELISAs, this antibody shows no cross reactivity with Hu-IFN- $\gamma$ R1, Hu-IFN- $\gamma$ R2, Mu-IFN- $\alpha/\beta$ R2, Hu-IL-10 R $\beta$ , Hu-IL-10 R $\alpha$ or Hu-IL-20 R $\beta$ .		
<b>Host:</b>	Mouse		
<b>Immunogen:</b>	Sf 21-derived Hu-IFN- $\alpha/\beta$ R1 extracellular domain		
<b>Isotype:</b>	Mouse IgG1		
<b>Clone:</b>	MMHAR-1		
<b>Formulation:</b>	Lyophilized from a 0.2 $\mu$ m filtered solution in phosphate-buffered saline (PBS) containing 5% trehalose		
<b>Purification:</b>	Protein G affinity chromatography		
<b>Applications:</b>	WB, FC, ELISA		
<b>Application Notes:</b>	<p><b>Western Blot:</b> 1-2 <math>\mu</math>g/ml with the appropriate secondary reagents to detect human IFN-<math>\alpha/\beta</math> R1.</p> <p><b>Flow Cytometry:</b> Dilute antibody to 25 <math>\mu</math>g/ml and add 10<math>\mu</math>l of this solution to 1 - 2.5 x 10<sup>5</sup> cells in a total reaction volume not exceeding 200<math>\mu</math>l. The binding of the unlabeled antibody may be visualized by adding 10<math>\mu</math>l of a 25 <math>\mu</math>g/ml stock solution of a secondary developing reagent such as goat anti-mouse IgG conjugated to fluorochrome.</p> <p><b>Direct ELISA:</b> 0.5-1.0 <math>\mu</math>g/ml with the appropriate secondary reagents to detect human IFN-<math>\alpha/\beta</math> R1.</p> <p>Optimal dilutions should be determined by each laboratory for each application</p>		
<b>Storage &amp; Stability:</b>	<p>After receipt, this product should be kept at -20°C for retention of full activity. Upon reconstitution with sterile PBS, the antibody can be stored at 2-8°C for 1 month without detectable loss of activity. Reconstituted antibody can also be aliquoted and frozen at -20° to -80°C in a manual defrost freezer for 6 months without detectable loss of activity.</p> <p><b>Avoid repeated freeze-thaw cycles.</b></p>		

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