

**DESCRIPTION**

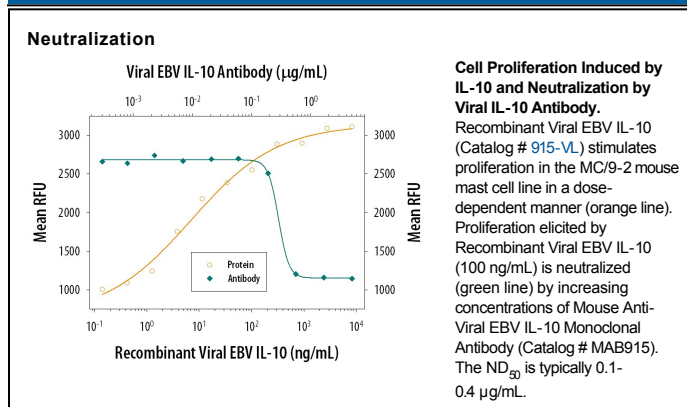
<b>Species Reactivity</b>	Viral
<b>Specificity</b>	Detects viral EBV IL-10 in direct ELISAs and Western blots. In Western blots, less than 10% cross-reactivity with recombinant canine IL-10, recombinant feline IL-10, recombinant mouse IL-10, recombinant porcine IL-10, and recombinant rat IL-10 is observed.
<b>Source</b>	Monoclonal Mouse IgG <sub>2B</sub> Clone # 134216
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	<i>E. coli</i> -derived recombinant viral EBV IL-10 Gln26-Arg170 Accession # P03180
<b>Endotoxin Level</b>	<0.10 EU per 1 µg of the antibody by the LAL method.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

**APPLICATIONS**

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	<b>Recommended Concentration</b>	<b>Sample</b>
<b>Western Blot</b>	1 µg/mL	Recombinant Viral EBV IL-10 (Catalog # 915-VL)
<b>Neutralization</b>		Measured by its ability to neutralize IL-10-induced proliferation in the MC/9-2 mouse mast cell line. Thompson-Snipes, L. <i>et al.</i> (1991) <i>J. Exp. Med.</i> <b>173</b> :507. The Neutralization Dose (ND <sub>50</sub> ) is typically 0.1-0.4 µg/mL in the presence of 100 ng/mL Recombinant Viral EBV IL-10.

**DATA**



**PREPARATION AND STORAGE**

<b>Reconstitution</b>	Reconstitute at 0.5 mg/mL in sterile PBS.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
<b>Stability &amp; Storage</b>	<b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b> <ul style="list-style-type: none"> <li>• 12 months from date of receipt, -20 to -70 °C as supplied.</li> <li>• 1 month, 2 to 8 °C under sterile conditions after reconstitution.</li> <li>• 6 months, -20 to -70 °C under sterile conditions after reconstitution.</li> </ul>

**BACKGROUND**

Interleukin 10 (IL-10) is a pleiotropic cytokine that can exert either immunostimulatory or immunosuppressive effects on a variety of cell types. It is produced predominantly by Th2 lymphocytes and other activated lymphoid cells.