

# ***InVivoPro* Anti-Mouse PD-L1(B7-H1, CD274) *in vivo* antibody, Clone 10F.9G2**

**Cat #:** IV0101

**Size:** 1mg, 5mg, 25mg, 50mg, 100mg

## **Product Information**

<b>Isotype:</b>	Rat IgG2b $\kappa$
<b>Reactivity:</b>	Mouse
<b>Formulation:</b>	PBS, pH 7.2, contains no stabilizers or preservatives
<b>Concentration:</b>	Lot specific, generally $\geq 5.0$ mg/ml
<b>Applications:</b>	<i>In vivo</i> PD-L1 blocked
<b>Recommended Isotype Control:</b>	IV0106 or Rat IgG2b Isotype Control
<b>Endotoxin:</b>	$\leq 1.0$ EU/mg, by the LAL method
<b>Purity:</b>	99%
<b>Sterility:</b>	0.2 $\mu$ M filtered
<b>Purification:</b>	Protein A or G
<b>Recommended Dose Range:</b>	200-500 $\mu$ g per mouse; or 10 mg/kg. This range is based off the most recent publication data using the 10F.9G2 clone <i>in vivo</i> . Each investigator should determine their own optimal working dilution for specific applications.
<b>Storage:</b>	This antibody is stable for at least 2 months when stored at 2-8°C. For long term storage, aliquot in working volumes without diluting and store at -20°C or -80°C. Avoid repeated freeze thaw cycles.

## **Background**

CD274, also known as B7-H1 and PD-L1, is a 40 kD type I transmembrane protein and a member of the B7 family within the immunoglobulin receptor superfamily. It is expressed on T cells, B cells, NK cells, dendritic cells, IFN- $\gamma$  activated endothelial cells, and monocytes.

**Note:** The product listed herein is for research use only and is not intended for use in human or clinical diagnosis.