



## Human PD-L1/B7-H1 Monoclonal Antibody (Research Grade Atezolizumab Biosimilar)

Recombinant Monoclonal Human IgG1 Clone #FB018

Catalog Number: BIO-015

### DESCRIPTION

Species Reactivity	Human
Specificity	Detects human PD-L1/B7-H1 in direct ELISA. This non-therapeutic antibody uses the same variable region sequences (VH, VL) as the therapeutic antibody Atezolizumab. This product is for research use only.
Source	8Recombinant Monoclonal Human IgG1 Clone #FB018
Purification	Protein A/G purified from CHO cell culture supernatant
Immunogen	Human PD-L1/B7-H1
Endotoxin Level	<0.10 EU per 1 µg of the antibody by the LAL method
Formulation	0.2 µm filtered solution in PBS

### APPLICATION

	Recommended Concentration
Flow Cytometry	0.25 µg/10 <sup>6</sup> cells

### PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/ml in sterile 1xPBS
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 to -70°C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"><li>• 12 months from the date or receipt, -20 to -70°C as supplied.</li><li>• 1 month, 2 to 8°C under sterile conditions</li></ul>

### BACKGROUND

Atezolizumab is a humanized monoclonal antibody used to prevent the interaction of PD-L1 and PD-1, removing inhibition of immune responses seen in some cancers.