

Catalog# BP- 50511

Pembrolizumab Biosimilar (Human PD-1 Monoclonal Antibody)

Pembrolizumab is a highly selective IgG4-kappa humanized monoclonal antibody against PD-1 receptor. It was generated by grafting the variable sequences of a very high-affinity mouse antihuman PD-1 antibody onto a human IgG4-kappa isotype with the containing a stabilizing S228P Fc mutation. It contains 32 cysteine residues and the complete folded molecule includes 4 disulfide linkages as interchain bonds and 23 interchain bonds. Pembrolizumab Biosimilar uses the same protein sequences as the therapeutic antibody pembrolizumab.

Product Details	
CAS No.	N/A
Species Reactivity	Human
Source	Pembrolizumab biosimilar CHO stable cell line
Isotype	Human IgG4 kappa
Class	Monoclonal
Type	Antibody
Clone	Pembrolizumab Biosimilar
Conjugate	Unconjugated
Immunogen	Human programmed cell death protein 1 (PD-1 or PD1)
Purity	>95%
Molecular Weight	146.341 kDa
Protein Concentration	1 mg/ml
Formulation	0.2 µM filtered solution, pH 5.5
Storage conditions	4°C for short time, -20°C or -80°C for long time.