

Catalog# BP- 50574

## Abciximab Biosimilar (Glycoprotein IIb/IIIa Receptor Monoclonal Antibody)

Abciximab Biosimilar uses the same protein sequences as the therapeutic antibody abciximab.

Abciximab, a glycoprotein IIb/IIIa receptor antagonist, is a platelet aggregation inhibitor mainly used during and after coronary artery procedures like angioplasty to prevent platelets from sticking together and causing thrombus (blood clot) formation within the coronary artery. It is a glycoprotein IIb/IIIa inhibitor.

While abciximab has a short plasma half-life, due to its strong affinity for its receptor on the platelets, it may occupy some receptors for weeks. In practice, platelet aggregation gradually returns to normal about 96 to 120 hours after discontinuation of the drug. Abciximab is made from the Fab fragments of an immunoglobulin that targets the glycoprotein IIb/IIIa receptor on the platelet membrane.

Product Details	
CAS No.	143653-53-6
Species Reactivity	Human
Source	Mammalian cells
Isotype	Human IgG1 kappa
Class	Monoclonal
Type	Antibody
Clone	Abciximab Biosimilar
Conjugate	Unconjugated
Immunogen	Human CD80 (B7-1) with more avidity than to CD86 (B7-2)
Purity	>95%
Molecular Weight	47.62 kDa
Protein Concentration	1 mg/ml
Formulation	0.2 $\mu$ M filtered PBS solution, pH 7.4
Storage conditions	4°C for short time, -20°C or -80°C for long time.