

Anti-ANGPT2 hIgG1 Fc Peptibody(Trebananib)

Product information

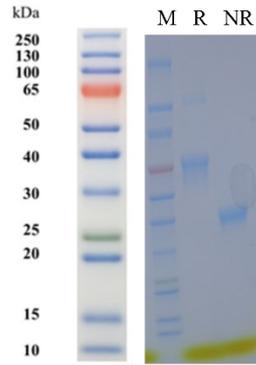
GM-88268AB-10	10 µg
GM-88268AB-100	100 µg
GM-88268AB-1000	1 mg

Antibody Information

Species Reactivity	Human
Clone	Trebananib
Source/Isotype	Human Fc
Application	/
Specificity	Detects ANGPT2
Gene	ANGPT2
Other Names	AGPT2,ANG2,Angiopoietin-2
Gene ID	285 (Human)
Background	<p>Trebananib (AMG 386) is a peptide body fusion protein that targets the binding of angiopoietin-1(ANG1) and angiopoietin-2(Ang2) to the Tie2 receptor to exert antitumor effects by inhibiting tumor angiogenesis. Its unique mechanism is different from traditional VEGF inhibitors (such as bevacizumab) , which can reduce serious side effects such as intestinal perforation and hypertension, but edema is the main adverse reaction. In the ovarian cancer phase III trial (Trinova-1) , the combination with paclitaxel prolonged median progression-free survival (PFS) to 7.2 months (vs. 5.4 months in the placebo group) , but overall survival (OS-RRB- was not significantly improved; As an innovative drug in the field of antiangiogenesis, Trebananib regulates the tumor microenvironment by blocking the ANG/Tie2 axis, providing new ideas for the treatment of multiple cancer species, and promoting the development of antiangiogenic drugs, however, it is necessary to further explore the combination of drugs, sequential treatment and subtype-specific application to break through the existing limitations.</p>
Storage	Store at 2-8°C short term (1-2 weeks).Store at ≤ -20°C long term. Avoid repeated freeze-thaw.
Formulation	Supplied as a 0.2 µm filtered solution of PBS, pH7.2-7.4.
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

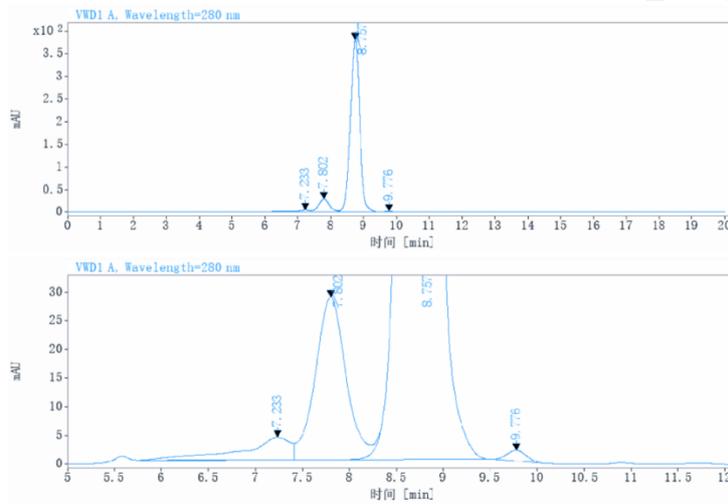
Version:3.1

SDS-PAGE



On SDS-PAGE under reducing (R)/non-reducing(N-R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.

SEC-HPLC



The purity of this product is more than 95% verified by SEC-HPLC.