

Anti-CD3×CD20 hIgG1 Bispecific Antibody (Epcobio)

Product Information

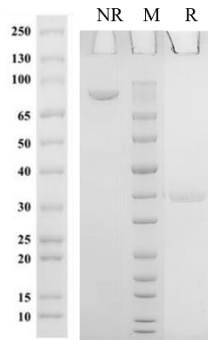
Product Name	Anti-CD3×CD20 hIgG1 Bispecific Antibody (Epcobio)
Storage temp.	Store at 2-8°C short term (1-2 weeks).Store at ≤ -20°C long term. Avoid repeated freeze-thaw.
Catalog# / Size	GM-88130MAB-1mg / 1 mg GM-88130MAB-5mg / 5 mg GM-88130MAB-25mg / 5 mg*5 vials GM-88130MAB-50mg / 50 mg GM-88130MAB-100mg / 50 mg*2 vials

Antibody Information

Expression System	CHO
Aggregation	< 5% as determined by SEC-HPLC
Purity	> 95% as determined by SDS-PAGE
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay
Sterility	0.2 μm Filtered
Target	CD3&CD20
Clone	Epcoritamab
Alternative Names	CD3: ALPS5,CD,CD152,CELIAC3,CTLA-4,GRD4, GSE, IDDM12 CD20: CD279, PD-1, PDCD1, SLEB2, hPD-1, hPD-I, hSLE1
Source/Isotype	Human IgG1 K214R/L234F/L235E/D265A /D356E/L358M/delta447K kappa; Human IgG1 K214R/L234F/L235E/D265A/D356E/L358M/delta447K lambda2
Application	Activation assay
Description	Epcoritamab (also known as EP-C1 or ABBV-181) is a novel bispecific antibody that primarily targets the B cell surface antigens CD3 and CD20. By bringing T cells and tumor cells together, it facilitates the activation of T cells and enhances the anti-tumor immune response.
Formulation	phosphate-buffered solution, pH 7.2-7.4.

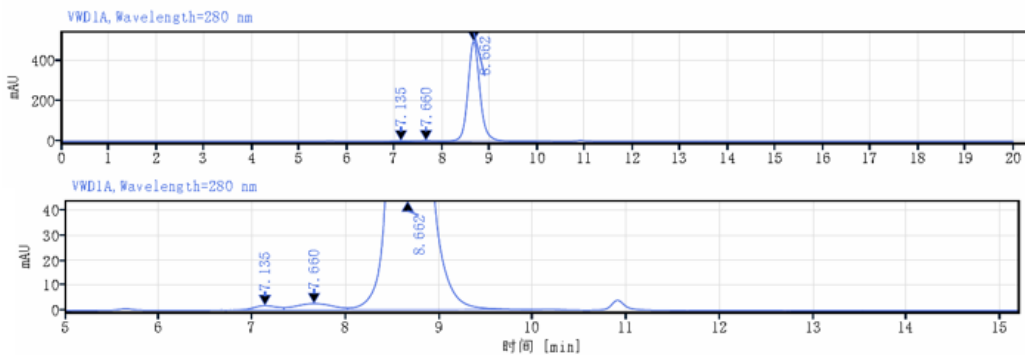
Data Examples

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

Activation assay

Anti-CD3xCD20 hIgG1 Bispecific Antibody (Epcobio) (Catalog # GM-88130MAB) activates the ADCC FcγRIIIa(158V) Jurkat Effector Cell Line (Catalog # GM-C05619), leading to induced luminescence. The IC50 for this effect is 3.476 ng/mL.

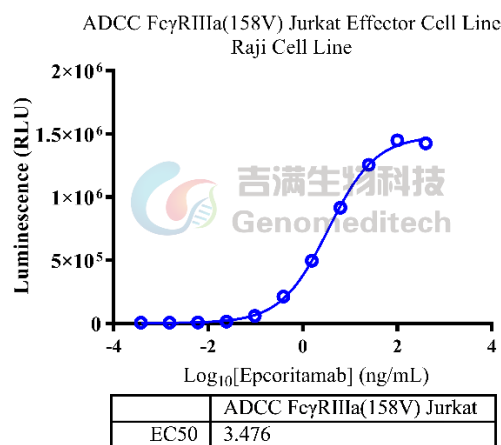


Fig. Assay