

Anti-BAFF hIgG4 Reference Antibody (Tababio)

Product Information

Product Name	Anti-BAFF hIgG4 Reference Antibody (Tababio)
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-88033MAB-1mg / 1 mg GM-88033MAB-5mg / 5 mg GM-88033MAB-25mg / 5 mg*5 vials GM-88033MAB-50mg / 50 mg GM-88033MAB-100mg / 50 mg*2 vials

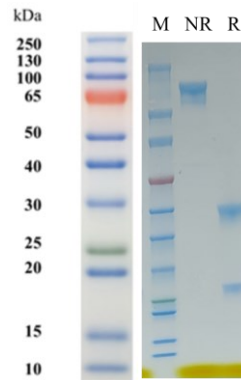
Antibody Information

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	BAFF
Alternative Names	TNFSF13B, BLYS, CD257, TALL-1, TALL1, THANK, TNFSF20, TNLG7A, ZTNF4
Clone	tabalumab
Source/Isotype	Human IgG4, Kappa
Application	Bioactivity-ELISA
Description	Tabalumab is a humanized IgG4 monoclonal antibody that targets b-cell activating factor (BAFF/Blys/TNFSF13B) , inhibits its binding to b-cell receptors by neutralizing soluble and membrane-bound BAFF, and inhibits its binding to b-cell receptors, thus, it can regulate the activation, proliferation and antibody production of B cells, and has potential value in the treatment of autoimmune diseases. As a BAFF inhibitor developed by Eli Lilly, its mechanism of action focuses on blocking BAFF-mediated b-cell survival signals, reducing abnormal autoantibody production, and reducing the risk of BAFF-mediated apoptosis, in theory, it could be used to treat diseases such as systemic lupus erythematosus (SLE) and rheumatoid arthritis (RA) .
Formulation	Phosphate-buffered solution, pH 7.2-7.4.

Version:3.1

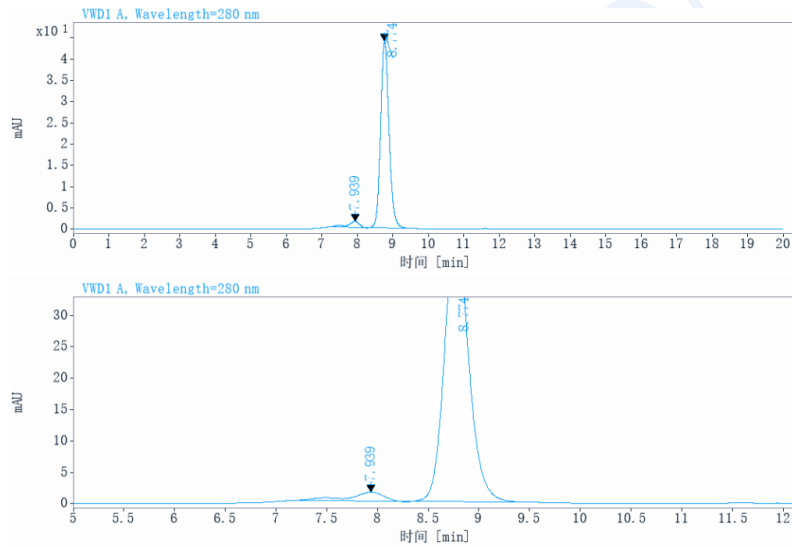
Data Examples

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.

Bioactivity-ELISA

Human BAFF Protein; His Tag (Catalog # GM-87735RP) was immobilized at 2 µg/mL (100 mL/well). Increasing concentrations of Anti-BAFF hIgG4 Reference Antibody (Tababio) (Catalog # GM-88033MAB) were added.

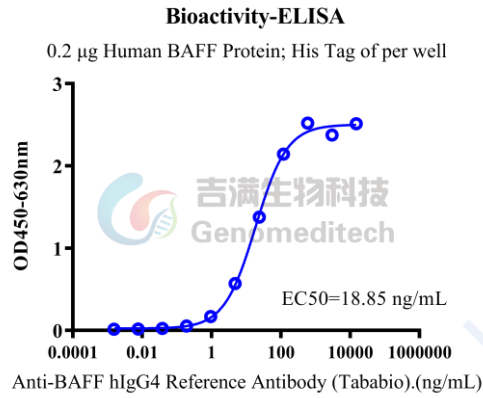


Fig. ELISA