

Anti-IL23A hlgG1 Reference Antibody (Gusebio)

Product Information

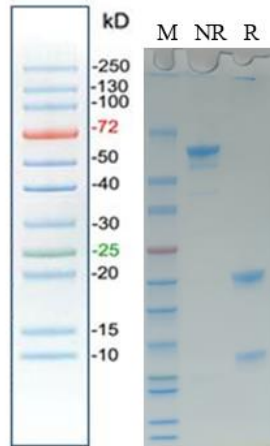
Product Name	Anti-IL23A hlgG1 Reference Antibody (Gusebio)
Storage temp.	Store at 2-8°C short term (1-2 weeks).Store at $\leq -20^{\circ}\text{C}$ long term. Avoid repeated freeze-thaw.
Catalog# / Size	GM-88032MAB-1mg / 1 mg GM-88032MAB-5mg / 5 mg GM-88032MAB-25mg / 5 mg*5 vials GM-88032MAB-50mg / 50 mg GM-88032MAB-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	IL23A
Clone	guselkumab
Alternative Names	IL-23, IL-23A, IL23P19, P19, SGRF
Source/Isotype	Human IgG1(KDEL), lambda2
Application	Block assay
Description	IL-23A encodes the p19 subunit of Interleukin-23, a cytokine that plays an important role in the immune response and is secreted by dendritic cells, macrophages and other Antigen-presenting cell. Guselkumab is a monoclonal antibody drug that targets a specific part of the human immune system and is used to treat autoimmune diseases, particularly psoriasis and other related skin conditions caused by moderate to severe burns. By blocking the function of IL-23(Interleukin-23), the drug regulates the immune response, reducing inflammation and skin cell proliferation.
Formulation	phosphate-buffered solution, pH 7.2-7.4.

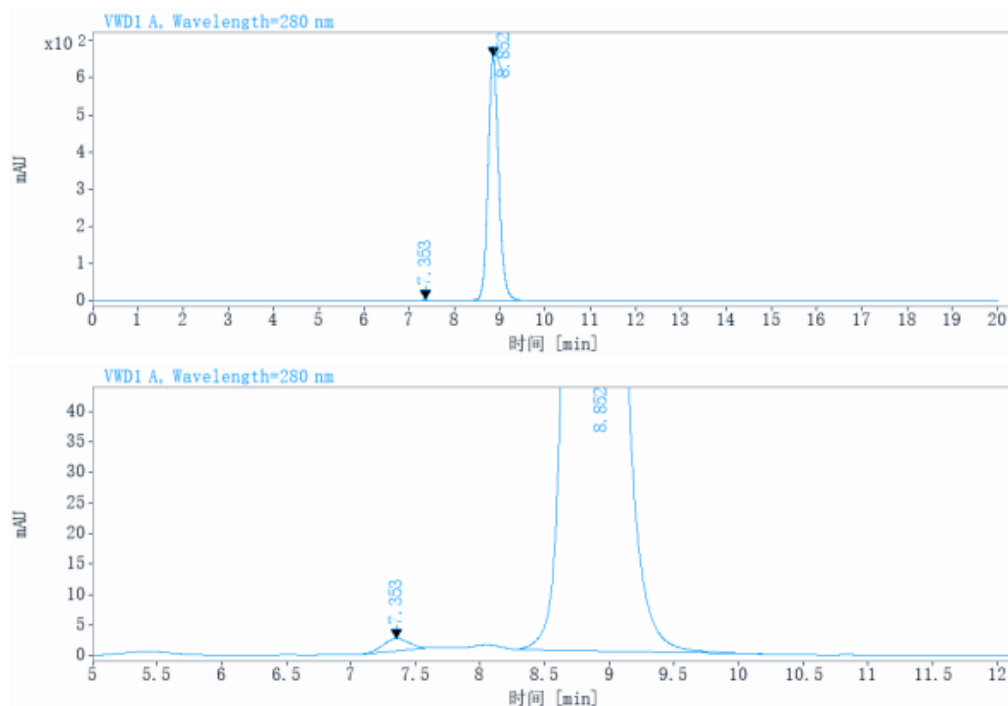
Data Examples

SDS-PAGE



On SDS-PAGE under reducing (R)/non-reducing(N-R) condition. The purity of the protein is greater than 95%.

SEC-HPLC



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

Block assay

Anti-IL23A hIgG1 Reference Antibody (Gusebio) (Catalog # GM-88032MAB) inhibits H_IL-23 Reporter 293 Cell Line (Catalog # GM-C06722) Luminescence induced by Human IL-23A&IL-12B Heterodimer Protein; His Tag (Catalog # GM-87924RP). IC50 for this effect is 0.005387 $\mu\text{g/mL}$.

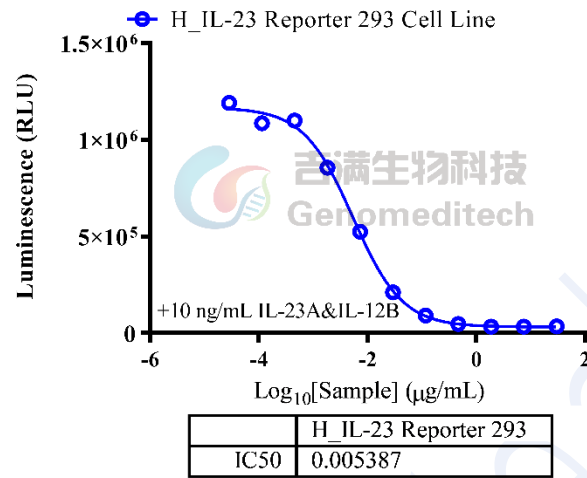


Fig. assay