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Anti-IGHE hIgG1 Reference Antibody(Omalbio)

Product Information

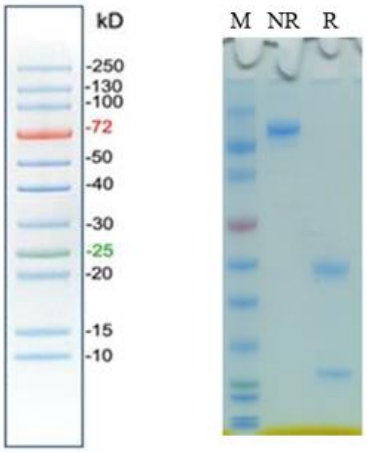
Product Name	Anti-IGHE hIgG1 Reference Antibody(Omalbio)
Storage temp.	Store at 2-8℃ short term (1-2 weeks).Store at ≤ -20℃ long term. Avoid repeated freeze-thaw.
Catalog# / Size	**GM-87960MAB-1mg / 1 mg** **GM-87960MAB-5mg / 5 mg** **GM-87960MAB-25mg / 5 mg*5 vials** **GM-87960MAB-50mg / 50 mg** **GM-87960MAB-100mg / 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	IGHE
Clone	omalizumab
Alternative Names	IgE
Source/Isotype	Human IgG1 (KEEM), Kappa
Application	Bioactivity-ELISA
Description	Omalizumab achieves its efficacy by targeting and neutralizing IgE (immunoglobulin E) . Ige plays an important role in allergic reactions, and Omalizumab reduces its amount, thereby reducing the occurrence of allergic symptoms. IgE-related research has driven the development of IgE-targeted biologics, and omalizumab, as the first anti-IgE agent, has demonstrated clear efficacy in moderate-to-severe asthma and chronic spontaneous urticaria, and has been used in the treatment of asthma and chronic urticaria, it provides a new option for patients who do not respond well to traditional treatments.
Formulation	phosphate-buffered solution, pH 7.2-7.4.

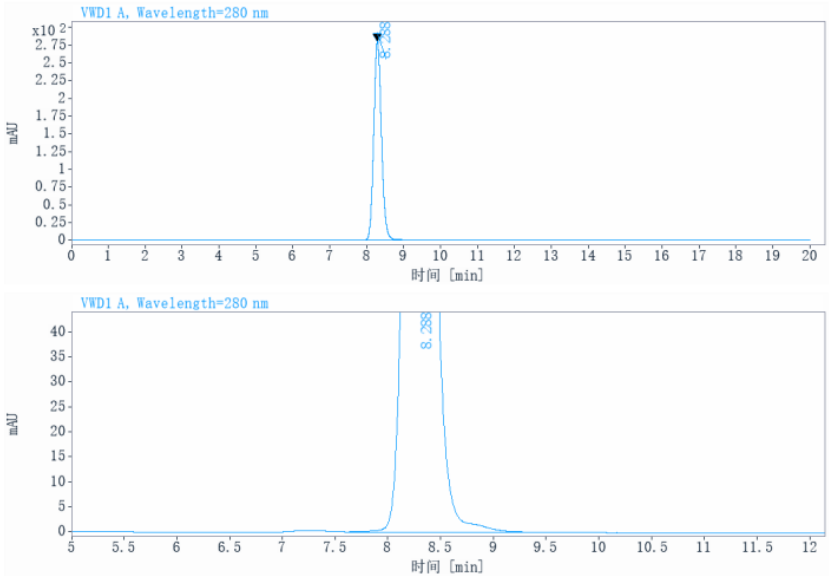
Data Examples

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

Bioactivity-ELISA	Biotinylated Human IgE Isotype Control; His-Avi Tag (Anti-RSV) was immobilized at 1 μg/ml (100 μL/well). Increasing concentrations of Anti-IGHE hIgG1 Reference Antibody(Omalbio) (Catalog # GM-87960MAB) were added.

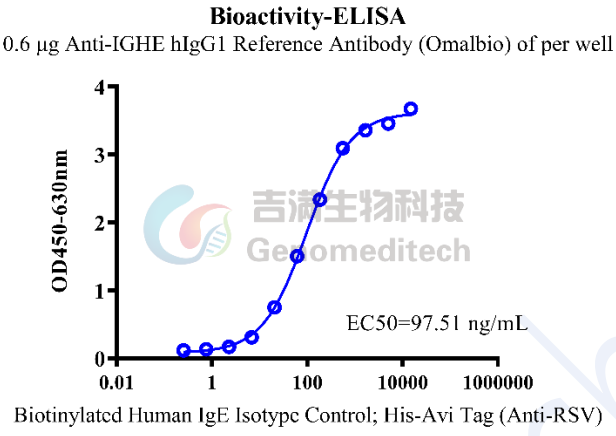


Fig. Assay