

# Anti-IL17A hlgG4 Reference Antibody (Ixebio)

## Product Information

<b>Product Name</b>	Anti-IL17A hlgG4 Reference Antibody (Ixebio)
<b>Storage temp.</b>	Store at 2-8°C short term (1-2 weeks).Store at $\leq -20^{\circ}\text{C}$ long term. Avoid repeated freeze-thaw.

<b>Catalog# / Size</b>	<b>GM-88046MAB-1mg / 1 mg</b>
	<b>GM-88046MAB-5mg / 5 mg</b>
	<b>GM-88046MAB-25mg / 5 mg*5 vials</b>
	<b>GM-88046MAB-50mg / 50 mg</b>
	<b>GM-88046MAB-100mg / 50 mg*2 vials</b>

## Antibody Information

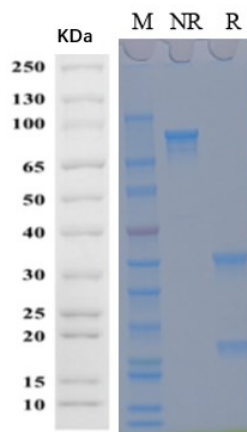
Expression System	CHO
Aggregation	< 5% as determined by SEC-HPLC
Purity	> 95% as determined by SDS-PAGE
Species Reactivity	Human
Clone	ixekizumab
Source/Isotype	Human IgG4(S228P), kappa
Application	Flow Cytometry
Specificity	Detects IL17A
Gene	IL17A
Other Names	CTLA-8, CTLA8, IL-17, IL-17A, IL17, ILA17
Gene ID	3605 (human)
Background	IL-17A encodes a Proinflammatory cytokine protein that, together with IL-17A, participates in immune responses and inflammation. The IL-17 family also includes members such as IL17F and IL17C, but IL-17A is often regarded as one of the core driver molecules of this pathway. IL-17a activates downstream NF-kb, MAPK, C/EBP, and other signaling pathways by binding to the IL-17R (including subtypes of IL-17RA, IL-17RC, etc.) complex, and the IL-17R/IL-17R/IL-17R/IL-17R/IL-17R/IL-17R/IL-17R/IL-17R It induces the expression of a variety of chemokines, cytokines (such as IL-6, IL-8, GM-CSF) and chemokine proteins, promoting neutrophil recruitment and amplification of inflammation. Ixekizumab is a fully humanized monoclonal antibody (MAB) that targets IL-17A. By specifically binding to IL-17A, the interaction between IL-17A and IL-17 receptor is blocked, thereby inhibiting the expression of downstream pro-inflammatory factors, chemokines and inflammatory cells, and reducing inflammatory response and immune damage.

Version:3.1

Storage	Store at 2-8°C short term (1-2 weeks). Store at $\leq -20^{\circ}\text{C}$ long term. Avoid repeated freeze-thaw.
Formulation	Phosphate-buffered solution, pH 7.2-7.4.
Endotoxin	< 1 EU/mg, determined by LAL gel clotting assay

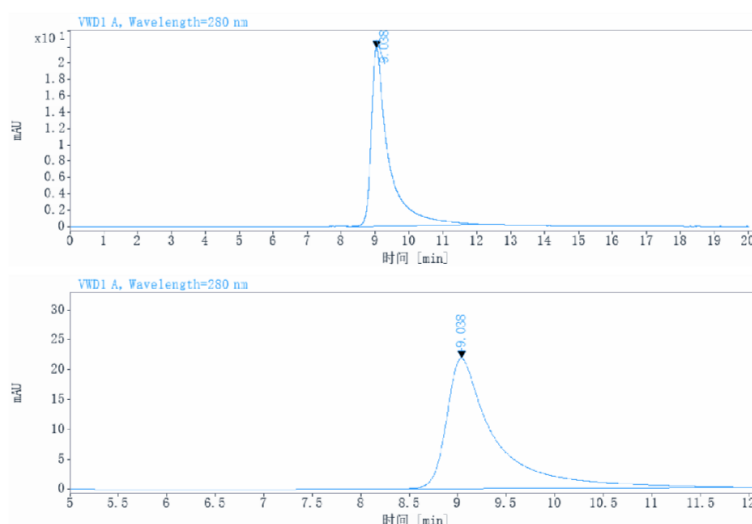
## Data Examples

### 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

Flow cytometry

Membrane Bound H\_IL17A CHO-K1 Cell Line (Catalog # GM-C28790) was stained with Anti-IL17A hlgG4 Reference Antibody (Ixebio) (Catalog # GM-88046MAB) or isotype control antibody, followed by anti-Human IgG APC-conjugated Secondary Antibody.

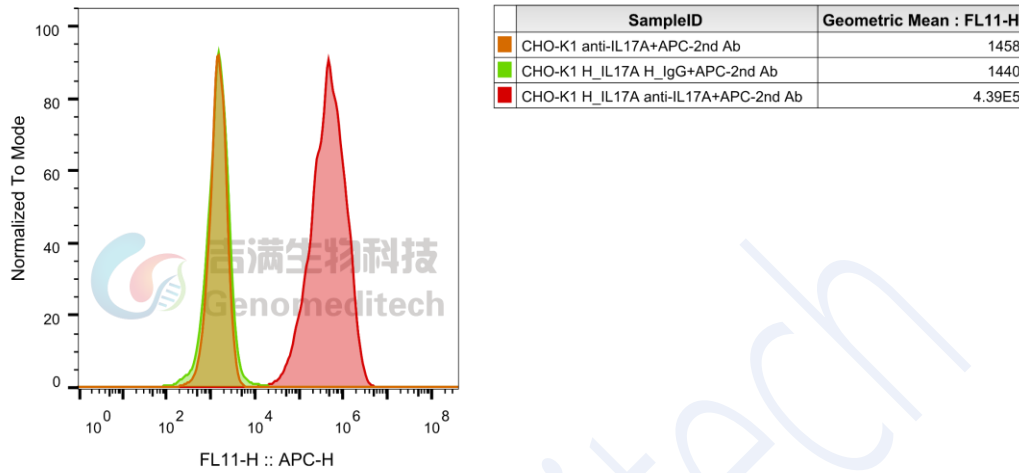


Fig. FACS