

# Anti-IL17A×IL17F hlgG1 Bispecific Antibody(Bimebio)

## Product Information

**Product Name** Anti-IL17A×IL17F hlgG1 Bispecific Antibody(Bimebio)  
**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-88252MAB-1mg / 1 mg**  
**GM-88252MAB-5mg / 5 mg**  
**GM-88252MAB-25mg / 5 mg\*5 vials**  
**GM-88252MAB-50mg / 50 mg**  
**GM-88252MAB-100mg / 50 mg\*2 vials**

## Antibody Information

**Expression System** CHO  
**Aggregation** < 5% as determined by SEC-HPLC  
**Purity** > 95% as determined by SDS-PAGE  
**Species Reactivity** Human  
**Clone** bimekizumab  
**Source/Isotype** Human IgG1,Kappa  
**Application** /  
**Specificity** Detects IL17A、IL17F  
**Gene** IL17A&IL17F  
**Other Names** IL17A: IL-17A,Interleukin-17A,CTLA-8,IL-17  
IL17F: CANDF6, IL-17F, ML-1, ML1  
**Background** IL17A and IL17F are central targets in the interleukin-17 family that synergistically drive autoimmune inflammation. The IL17A gene is located in the p12.1 region of human chromosome 6 and encodes a proinflammatory cytokine of 155 amino acids, which induces the secretion of inflammatory mediators such as IL-6 and CXCL8 through the activation of the NF-kb/MAPK pathway, and enhances the secretion of IL-6 and CXCL8, it drives neutrophil infiltration with epidermal proliferation in diseases such as rheumatoid arthritis and psoriasis; the IL17F gene is localized at 6p12.2, encoding a 163-amino acid homo/heterodimeric ligand, and the IL17F gene has been implicated in the pathogenesis of rheumatoid arthritis and psoriasis, after binding to the IL-17RA/RC receptor complex, it regulates antimicrobial peptide production and matrix remodeling by recruiting ACT1 adaptor proteins, which plays a key role in airway hyperresponsiveness in asthma and osteophyte formation in

Version:3.1

ankylosing spondylitis. They have 50% amino acid homology and can form three kinds of active dimers of IL-17A/A, IL-17A/F and IL-17F/F, which jointly mediate the chronic inflammatory cascade mediated by Th17 cells.

Formulation

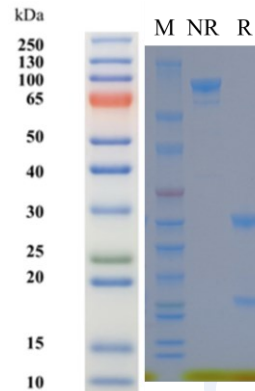
Phosphate-buffered solution, pH 7.2-7.4.

Endotoxin

< 1 EU/mg, determined by LAL gel clotting assay

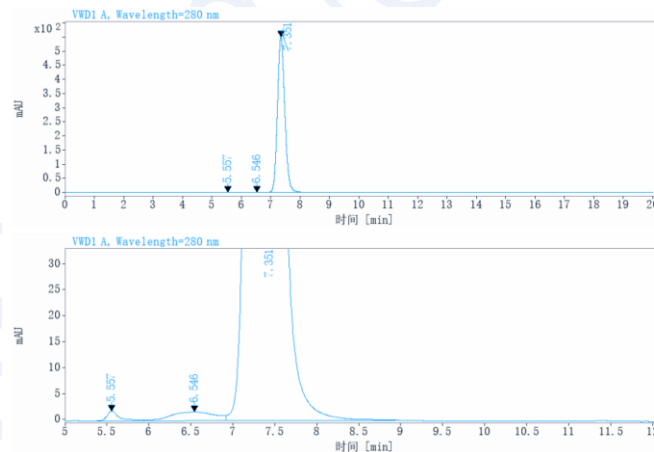
## Data Examples

### SDS-PAGE



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

### SEC-HPLC



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