

Anti-Integrin $\alpha 4\beta 7$ hIgG1 Reference Antibody (Vedobio)

Product Information

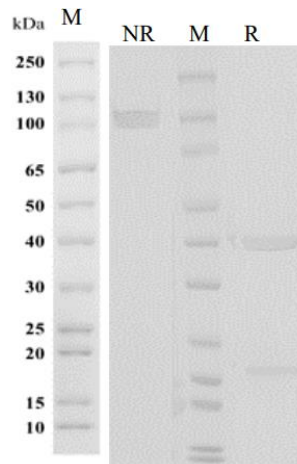
Product Name	Anti-Integrin $\alpha 4\beta 7$ hIgG1 Reference Antibody (Vedobio)
Storage temp.	Store at 2-8°C short term (1-2 weeks).Store at $\leq -20^{\circ}\text{C}$ long term. Avoid repeated freeze-thaw.
Catalog# / Size	GM-87988MAB-1mg / 1 mg GM-87988MAB-5mg / 5 mg GM-87988MAB-25mg / 5 mg * 5 vials GM-87988MAB-50mg / 50 mg GM-87988MAB-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	Integrin $\alpha 4\beta 7$
Clone	Vedolizumab
Alternative Names	Lymphocyte Peyer' s patch adhesion molecule-1 (LPAM-1)
Source/Isotype	Monoclonal Human IgG1(KDEL), Kappa
Application	/
Description	Vedolizumab is a selective monoclonal antibody targeting integrin $\alpha 4\beta 7$. By blocking the interaction between integrin $\alpha 4\beta 7$ and MadCAM-1, it reduces the accumulation of inflammatory lymphocytes in the intestinal mucosa, thereby suppressing intestinal inflammation while preserving systemic immune function.
Formulation	phosphate-buffered solution, pH 7.2-7.4.

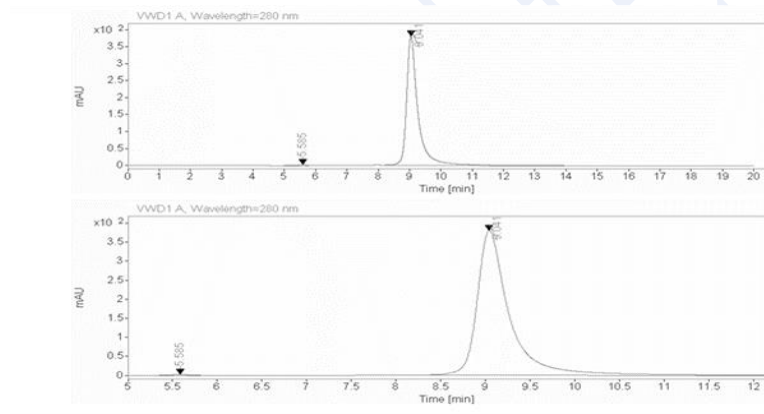
Data Examples

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