

Anti-IGF1R hlgG1 Reference Antibody (Dalobio)

Product Information

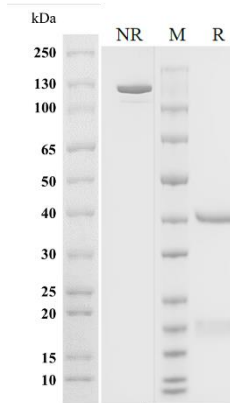
Product Name	Anti-IGF1R hlgG1 Reference Antibody (Dalobio)
Storage temp.	Store at 2-8°C short term (1-2 weeks).Store at $\leq -20^{\circ}\text{C}$ long term. Avoid repeated freeze-thaw.
Catalog# / Size	GM-87749MAB-1mg / 1 mg GM-87749MAB-5mg / 5 mg GM-87749MAB-25mg / 25 mg GM-87749MAB-50mg / 50 mg GM-87749MAB-100mg / 100 mg

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	IGF1R
Clone	Dalotuzumab
Alternative Names	CD221, IGFIR, IGFR, JTK13
Source/Isotype	Monoclonal Human IgG1 (K214R/D356E/L358M), Kappa
Application	/
Description	The IGF1R gene encodes the Insulin-like Growth Factor 1 Receptor (IGF1R), which belongs to the receptor tyrosine kinase (RTK) family. Dalotuzumab (MK-0646), developed by Merck, is a humanized monoclonal antibody specifically targeting IGF1R, aiming to block the pro-proliferative and anti-apoptotic effects of IGF-1 on cancer cells.
Formulation	phosphate-buffered solution, pH 7.4.

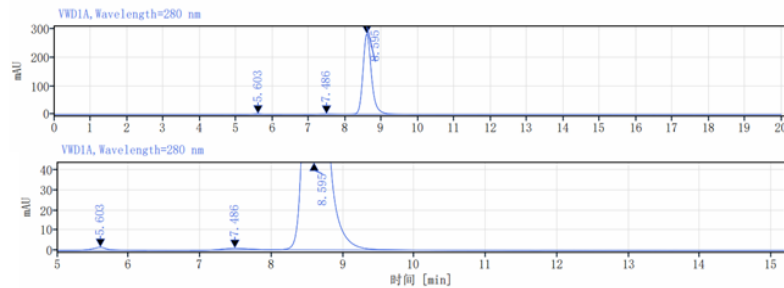
Data Examples

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