

# Anti-IGF1R hlgG1 Reference Antibody (Dalobio)

## Product Information

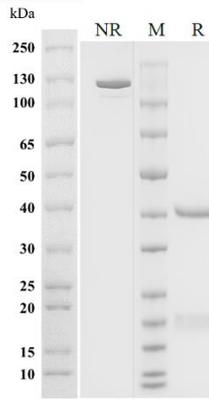
<b>Product Name</b>	Anti-IGF1R hlgG1 Reference Antibody (Dalobio)
<b>Storage temp.</b>	Store at 2-8°C short term (1-2 weeks).Store at $\leq -20^{\circ}\text{C}$ long term. Avoid repeated freeze-thaw.
<b>Catalog# / Size</b>	<b>GM-87749MAB-1mg / 1 mg</b> <b>GM-87749MAB-5mg / 5 mg</b> <b>GM-87749MAB-25mg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

## Antibody Information

<b>Expression System</b>	CHO
<b>Aggregation</b>	< 5% as determined by SEC-HPLC
<b>Purity</b>	> 95% as determined by SDS-PAGE
<b>Endotoxin</b>	< 1 EU/mg, determined by LAL gel clotting assay
<b>Sterility</b>	0.2 $\mu\text{m}$ Filtered
<b>Target</b>	IGF1R
<b>Clone</b>	Dalotuzumab
<b>Alternative Names</b>	CD221, IGFIR, IGFR, JTK13
<b>Source/Isotype</b>	Monoclonal Human IgG1 (K214R/D356E/L358M), Kappa
<b>Application</b>	/
<b>Description</b>	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.
<b>Formulation</b>	phosphate-buffered solution, pH 7.4.

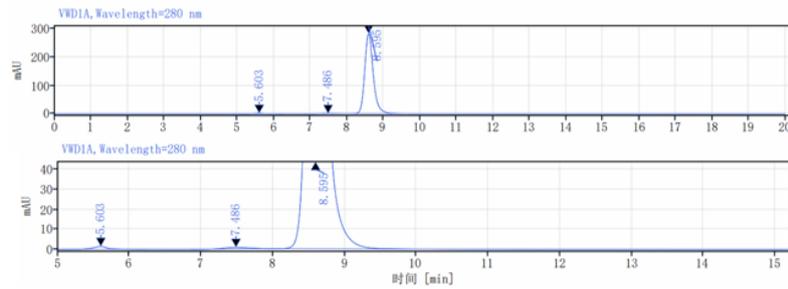
## Data Examples

### 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