

Product Datasheet

Dalotuzumab (orb1980643)

Description	Dalotuzumab (MK-0646) is a humanized recombinant monoclonal antibody (IgG1 type) that targets IGF-1R, inhibiting tumor cell proliferation, IGF-1R autophosphorylation, and Akt phosphorylation mediated by IGF-1 and IGF-2. It induces apoptosis and cell cycle arrest, and its antitumor activity is significantly enhanced when used alongside other anticancer agents like statins, both in vitro and in vivo [1] [2] [3].
Conjugation	Unconjugated
Target	Dalotuzumab
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Clonality	Recombinant
Antibody Type	Recombinant Antibody
Purity	98.00%
MW	146.4 (kDa)
CAS Number	1005389-60-5
Expiration Date	12 months from date of receipt.

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