

## Product Datasheet

### Carotuximab Antibody (orb1980503)

<b>Catalog Number</b>	orb1980503
<b>Category</b>	Antibodies
<b>Description</b>	Carotuximab (DE-122) is a CD105-targeting antibody that inhibits Smad signaling, exerting potent antiangiogenic and immunomodulatory effects. It is utilized in oncology and vascular biology research to study endothelial dysfunction in models of hypercholesterolemia and hyperglycemia, both in vitro and in vivo.
<b>Target</b>	TGF-beta/Smad, Immunology/Inflammation related
<b>Conjugation</b>	Unconjugated
<b>Concentration</b>	9.07 mg/mL
<b>Purity</b>	>95% (May vary between batches)
<b>MW</b>	144.8 kDa
<b>Antibody Type</b>	Inhibitor Antibody
<b>Target Areas</b>	Immunology/Inflammation related TGF-beta/Smad
<b>CAS Number</b>	1268714-50-6
<b>Storage</b>	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.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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