

Anti-mouse VEGFR-2 RIgG1 Antibody(DC101)

Product Information

Product Name	Anti-mouse VEGFR-2 RIgG1 Antibody(DC101)
Storage temp.	Store at 2-8°C short term (1-2 weeks).Store at \leq -20°C long term. Avoid repeated freeze-thaw.
Catalog# / Size	GM-87886MAB-1mg / 1 mg GM-87886MAB-5mg / 5 mg GM-87886MAB-25mg / 25 mg GM-87886MAB-50mg / 50 mg GM-87886MAB-100mg / 100 mg

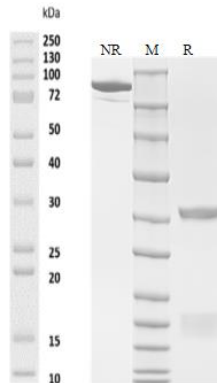
Antibody Information

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 μ m Filtered
Target	VEGFR-2
Clone	DC101
Other Names	6130401C07, Flk-1, Flk1, Krd-1, Ly73, VEGFR2, orv, sVEGFR-2
Source/Isotype	Monoclonal Rat IgG1, κ
Application	/
Description	Vascular endothelial growth factor (VEGF) is a major growth factor for endothelial cells. This gene encodes one of the two receptors of the VEGF. This receptor, known as kinase insert domain receptor, is a type III receptor tyrosine kinase. It functions as the main mediator of VEGF-induced endothelial proliferation, survival, migration, tubular morphogenesis and sprouting. The signalling and trafficking of this receptor are regulated by multiple factors, including Rab GTPase, P2Y purine nucleotide receptor, integrin alphaVbeta3, T-cell protein tyrosine phosphatase, etc.. Mutations of this gene are implicated in infantile capillary hemangiomas.
Formulation	Phosphate-buffered solution, pH 7.2.

Version:3.1

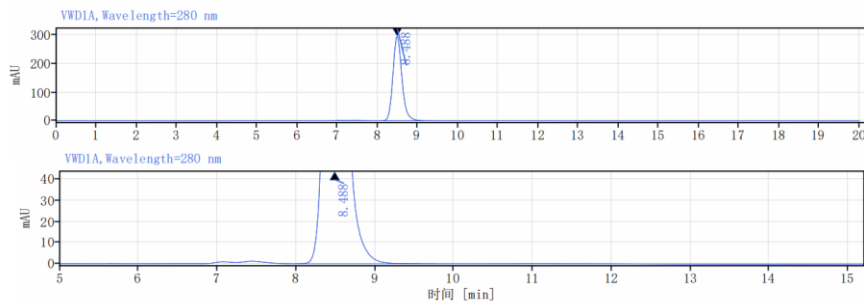
Data Examples

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.