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Anti-VEGI Reference Antibody (Duvakitug)

Catalog # APR11201

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	O95150
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	28087

Additional Information

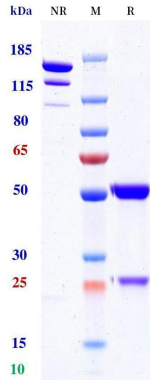
Target/Specificity	TNFSF15 / VEGI
Expression system	CHO

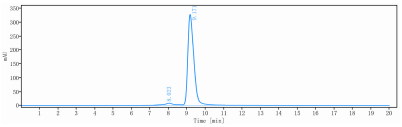
Protein Information

Name	TNFSF15
Synonyms	TL1, TL1A {ECO:0000303|PubMed:21300286},
Function	Cytokine that signals through TNFRSF25 receptor (PubMed: 11911831). Functions as a T-cell costimulator, that increases IL-2 responsiveness and secretion of proinflammatory cytokines which enhances T-cell activation, proliferation and the survival of activated T-cells (PubMed:10597252, PubMed:11911831). Inhibits vascular endothelial growth and angiogenesis (in vitro) (PubMed:11923219, PubMed:9872942). Binds to the decoy receptor TNFRSF6B, blocking the activation normally triggered by TNFSF15 and leading to decreased T- cell activation and reduced inflammation (PubMed:21300286).
Cellular Location	Membrane; Single-pass type II membrane protein
Tissue Location	Specifically expressed in endothelial cells. Detected in monocytes, placenta, lung, liver, kidney, skeletal muscle, pancreas, spleen, prostate, small intestine and colon

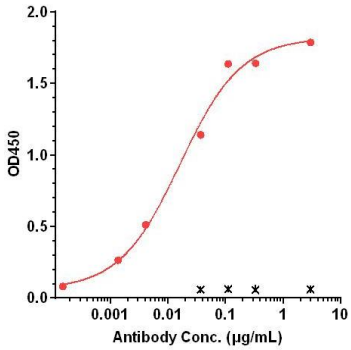
Images

Anti-VEGI Reference Antibody (Duvakitug) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.





The purity of Anti-VEGI Reference Antibody (Duvakitug) is 95.1%, determined by SEC-HPLC.



Immobilized TL1A/VEGI/ TNFSF15-N-His at 2 μg/mL can bind Duvakitug, EC50= 0.01641 μg/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.