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Anti-ApoL1 Reference Antibody (Genentech patent anti-ApoL1)

Catalog # APR11498

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	O14791
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit-IgG-mut1
Calculated MW	43974

Additional Information

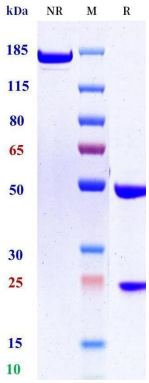
Target/Specificity	ApoL1
Expression system	CHO

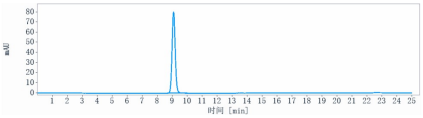
Protein Information

Name	APOL1 {ECO:0000303|PubMed:19997494}
Synonyms	APOL
Function	May play a role in lipid exchange and transport throughout the body. May participate in reverse cholesterol transport from peripheral cells to the liver. A component of trypanosome lytic factor of human serum; plays a crucial role in killing Trypanosoma brucei by forming pores in parasite lysosomal membranes and sensitizing T.brucei to oxidation-stimulated osmotic lysis (PubMed:12621437, PubMed:16020735, PubMed:19997494, PubMed:26645690, PubMed:7723792).
Cellular Location	Secreted. Note=Internalized through the endocytic pathway into the lysosomes of Trypanosoma brucei
Tissue Location	Plasma. Found on APOA-I-containing high density lipoprotein (HDL3). Expressed in pancreas, lung, prostate, liver, placenta and spleen

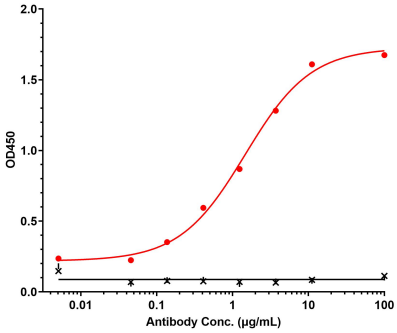
Images

Anti-ApoL1 Reference Antibody (Genentech patent anti-ApoL1) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.





The purity of Anti-ApoL1 Reference Antibody (Genentech patent anti-ApoL1) is 99.54%, determined by SEC-HPLC.



Immobilized hu-ApoL1-his, It's target at 2 μg/mL can bind Genentech patent anti-ApoL1, EC50= 1.401 μg/mL.

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