

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

Catalog # APR11498

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q14791
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit-IgG-mut1
Calculated MW	43974

Additional Information

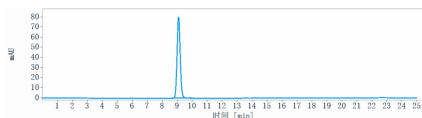
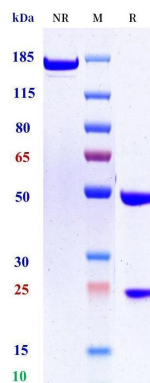
Target/Specificity	ApoL1
Expression system	CHO

Protein Information

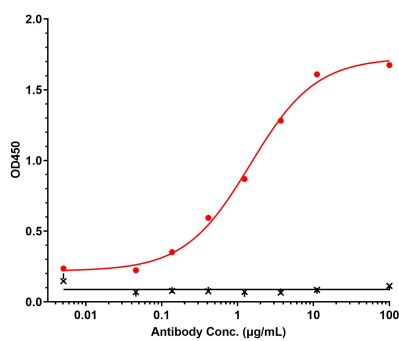
Name	APOL1 {ECO:0000303 PubMed:19997494}
Synonyms	APOL
Function	May play a role in lipid exchange and transport throughout the body. May participate in reverse cholesterol transport from peripheral cells to the liver. A component of trypanosome lytic factor of human serum; plays a crucial role in killing 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 $\mu\text{g/mL}$ can bind Genentech patent anti-ApoL1, $\text{EC}_{50} = 1.401 \mu\text{g/mL}$.

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