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Anti-Endothelial Lipase Reference Antibody (Shionogi patent anti-Endothelial Lipase)

Catalog # APR11386

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q9Y5X9
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	56795

Additional Information

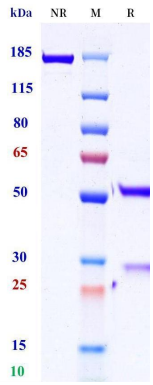
Target/Specificity	Endothelial lipase
Expression system	CHO

Protein Information

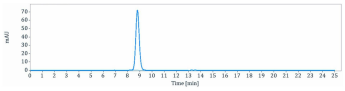
Name	LIPG
Function	Exerts both phospholipase and triglyceride lipase activities (PubMed:10192396, PubMed:10318835, PubMed:12032167). More active as a phospholipase than a triglyceride lipase (PubMed:12032167). Hydrolyzes triglycerides, both with short-chain fatty acyl groups (tributyrin) and long-chain fatty acyl groups (triolein) with similar levels of activity toward both types of substrates (PubMed:12032167). Hydrolyzes high density lipoproteins (HDL) more efficiently than other lipoproteins (PubMed:10192396, PubMed:12032167).
Cellular Location	Secreted.
Tissue Location	High level of expression in the liver, placenta, lung, thyroid, kidney, testis and in the corpus luteum of the ovary Expressed also in coronary artery endothelial cells, umbilical vein endothelial cells and in hepatocytes and osteosarcoma cell lines. Not detected in heart, brain and muscle.

Images

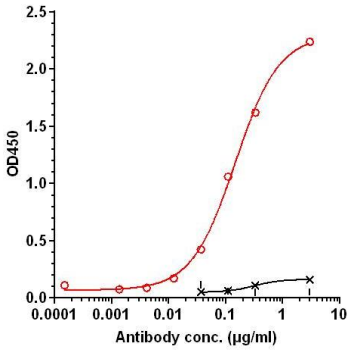
Anti-Endothelial lipase Reference Antibody (Shionogi patent anti-Endothelial Lipase) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater



than 95%.



The purity of Anti-Endothelial Lipase Reference Antibody (Shionogi patent anti-Endothelial Lipase) is 100%, determined by SEC-HPLC.



Immobilized hu-LIPG-his at 2 μg/mL can bind Shionogi patent anti-Endothelial Lipase, EC50= 0.1479 μg/mL.

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