Recombinant DGRmAb®

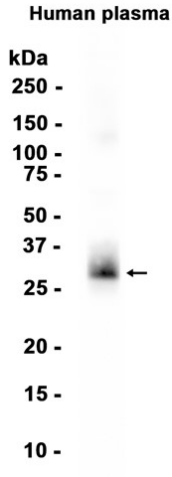
Apolipoprotein A I (DGR18985) Rabbit mAb

db14587 **Package : 10μL 20μL 50μL 100μL**

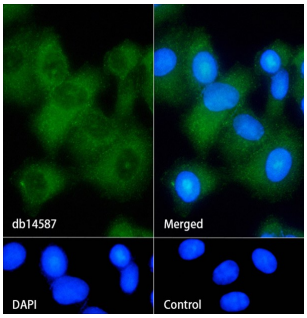
Product Name : Apolipoprotein A I (DGR18985) Rabbit mAb
Cat.No.: db14587
Synonyms : apo(a)
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human
Host species : Rabbit

Background	This gene encodes apolipoprotein A-I, which is the major protein component of high density lipoprotein (HDL) in plasma. The encoded preproprotein is proteolytically processed to generate the mature protein, which promotes cholesterol efflux from tissues to the liver for excretion, and is a cofactor for lecithin cholesterolacyltransferase (LCAT), an enzyme responsible for the formation of most plasma cholesteryl esters. This gene is closely linked with two other apolipoprotein genes on chromosome 11. Defects in this gene are associated with HDL deficiencies, including Tangier disease, and with systemic non-neuropathic amyloidosis. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein. [provided by RefSeq, Dec 2015]
Immunogen	A synthetic peptide of human Apolipoprotein A I
Gene ID	335
Swiss Prot	P02647
Synonyms	apo(a)
Reactivity	Human
Application	WB, IHC-P, ICC/IF, FC, IP
Recommended dilution	WB: 1:1000 IHC-P: 1:100 ICC/IF: 1:100-1:200 FC: 1:20-1:50 IP: 1:50
Calculated MW	31 kDa
Observed MW	31 kDa
Host species	Rabbit

Clonality	Monoclonal
Clonality No.	DGR18985
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from Human plasma tissue using db14587 at 1:1000.



Immunofluorescence analysis of HepG2 cells labelling Apolipoprotein A I with db14587.

The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db14587 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.