Recombinant DGRmAb®

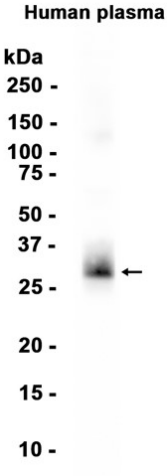
Apolipoprotein A I (DGR18985) Rabbit mAb (PBS Only)

db14587-PBS **Package : 10μg 100μg**

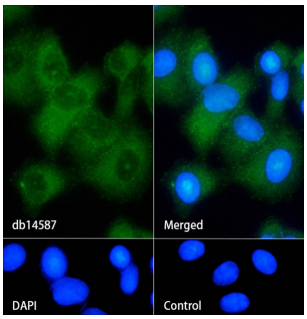
Product Name : Apolipoprotein A I (DGR18985) Rabbit mAb (PBS Only)
Cat.No.: db14587-PBS
Synonyms : apo(a)
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human
Host species : Rabbit

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
Calculated MW	31 kDa
Observed MW	31 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR18985
Isotype	IgG
Purity	Affinity Purification

Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. 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.