

For Research Use Only



CoraLite® Plus 555-conjugated Apolipoprotein A1 Polyclonal antibody

Catalog Number: **CL555-14427**

Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL555-14427	BC005380	Antigen affinity purification
Size:	GeneID (NCBI):	Excitation/Emission maxima
100ul , Concentration: 1000 µg/ml by Nanodrop;	335	wavelengths:
Source:	UNIPROT ID:	554 nm / 570 nm
Rabbit	P02647	
Isotype:	Full Name:	
IgG	apolipoprotein A-I	
Immunogen Catalog Number:	Calculated MW:	
AG5793	31 kDa	
	Observed MW:	
	26-30 kDa	

Applications

Tested Applications:
FC (Intra)
Species Specificity:
human, mouse

Background Information

ApoA1 is a major protein component of high density lipoproteins (HDL) which is associated with reversed cholesterol transport, lipid/cholesterol binding, lecithin/cholesterol acyltransferase (LCAT) activation and specific receptors binding. It is synthesized in the liver and small intestine. Defects of ApoA1 cause low HDL level and systemic non-neuropathic amyloidosis. Serum concentration of ApoA1 is inversely related to the risk of developing atherosclerosis. This antibody was generated against the C-terminal region of human ApoA1.

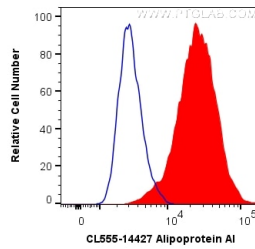
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1X10⁶ HepG2 cells were intracellularly stained with 0.2 ug CoraLite® Plus 555 Anti-Human Apolipoprotein AI (CL555-14427) (red), or 0.2 ug CoraLite® Plus 555 Rabbit IgG Control Antibody(CL555-30000)(Blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).