

For Research Use Only

APOA4 Monoclonal antibody

Catalog Number: 66252-1-Ig



Basic Information

Catalog Number: 66252-1-Ig	GenBank Accession Number: BC074764	Purification Method: Protein G purification
Size: 150ul , Concentration: 1200 µg/ml by Nanodrop and 787 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 337	CloneNo.: 3A9A8
Source: Mouse	Full Name: apolipoprotein A-IV	Recommended Dilutions: WB 1:1000-1:8000
Isotype: IgG1	Calculated MW: 396 aa, 45 kDa	
Immunogen Catalog Number: AG12454	Observed MW: 45-46 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : human plasma tissue, L02 cells
Species Specificity: human	

Background Information

APOA4 is a major protein component of chylomicrons in postprandial lymph and plasma. It is synthesized in the small intestine and the liver, attached to chylomicrons by enterocytes, and secreted into intestinal lymph during fat absorption. APOA4 is intimately involved in metabolism and has protective roles in cardiovascular diseases like atherosclerosis. APOA4 can promote INS secretion and maintain glucose homeostasis. It also has potent antioxidant and anti-inflammatory properties.

Storage

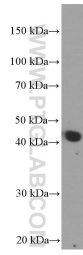
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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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Selected Validation Data



human plasma were subjected to SDS PAGE followed by western blot with 66252-1-Ig (APOA4 Antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.