

For Research Use Only

CoraLite® Plus 488-conjugated ANGPTL4 Monoclonal antibody



Catalog Number:CL488-67577

Basic Information

Catalog Number: CL488-67577	GenBank Accession Number: BC023647	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 51129	CloneNo.: 1D2H6
Source: Mouse	Full Name: angiopoietin-like 4	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2b	Calculated MW: 45 kDa	
Immunogen Catalog Number: AG30070	Observed MW: 45-50 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : NIH/3T3 cells,
Species Specificity: Human, mouse	

Background Information

Angiopoietin-like protein 4 (ANGPTL4), a member of the angiopoietin-like protein subfamily, is a secretory protein that functions as an important modulator of glucose and lipid metabolism. ANGPTL4 inhibits lipoprotein lipase (LPL)-dependent lipolysis thereby limiting the uptake of free fatty acids. Overexpression of ANGPTL4 results in hypertriglyceridemia, while ANGPTL4 deficiency suppresses foam formation in macrophages and protects against atherosclerosis. ANGPTL4 may play a role in several cancers and it also has been shown to prevent the metastatic process by inhibiting vascular activity as well as tumor cell motility and invasiveness. Decreased expression of this protein has been associated with type 2 diabetes. ANGPTL4 has three isoforms, 45 kDa, 41 kDa and 27 kDa.

Storage

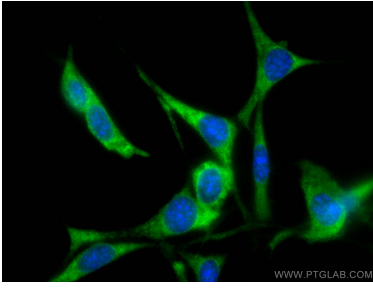
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 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)
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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



Immunofluorescent analysis of (-20°C Ethanol)
fixed NIH/3T3 cells using CoraLite® Plus 488
ANGPTL4 antibody (CL488-67577, Clone: 1D2H6) at
dilution of 1:200.