

For Research Use Only



CoraLite® Plus 488-conjugated Adiponectin Recombinant monoclonal antibody

Catalog Number: **CL488-83961-3**

Basic Information

Catalog Number: CL488-83961-3	GenBank Accession Number: BC096308	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 9370	CloneNo.: 241082E1
Isotype: IgG	UNIPROT ID: Q15848	Recommended Dilutions: IF/ICC: 1:50-1:500
Immunogen Catalog Number: AG16304	Full Name: adiponectin, C1Q and collagen domain containing	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
	Calculated MW: 244 aa, 26 kDa	

Applications

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

Background Information

not yet fully understood, but the expression of AdipoQ in reproductive tissues has been observed in various animals and humans, including chicken testis, bovine ovary, and human placenta. Adiponectin exerts its effects by activating a range of different signaling molecules via binding to two transmembrane AdipoQ receptors, AdipoR1 and AdipoR2. AdipoR1 is expressed primarily in the skeletal muscle, whereas AdipoR2 is predominantly expressed in the liver. AdipoQ May play a role in cell growth, angiogenesis and tissue remodeling by binding and sequestering various growth factors.

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, pH7.3
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

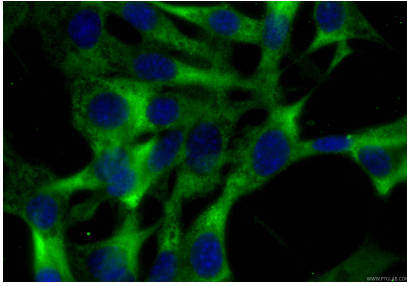
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed NIH/3T3 cells using CoraLite® Plus 488 Adiponectin antibody (CL488-83961-3, Clone: 241082E1) at dilution of 1:200.