

For Research Use Only



CoraLite®488-conjugated AMPK Alpha Monoclonal antibody

Catalog Number: ~~CL488-66536~~

Featured Product

Basic Information

Catalog Number: CL488-66536	GenBank Accession Number: BC012622	Purification Method: Protein G purification
Size: 100UL, Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 5562	CloneNo.: 1H8E1
Source: Mouse	Full Name: protein kinase, AMP-activated, alpha 1 catalytic subunit	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Calculated MW: 63 kDa	Excitation/Emission maxima wavelengths: 488 nm/515 nm
Immunogen Catalog Number: AG24744	Observed MW: 64 kDa	

Applications

Tested Applications:

IF, ELISA

Species Specificity:

Human, Rat, Mouse

Positive Controls:

IF : human breast cancer tissue,

Background Information

The mammalian 5-prime-AMP-activated protein kinase (AMPK) appears to play a role in protecting cells from stresses that cause ATP depletion by switching off ATP-consuming biosynthetic pathways. PRKAA1 is also named as AMPK1, ACACA kinase, HMGCRC kinase. It is a mammalian homologue of sucrose non-fermenting protein kinase (SNF-1), which belongs to a serine/threonine protein kinase family. It has 2 isoforms with molecular mass of 63-66 kDa produced by alternative splicing.

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

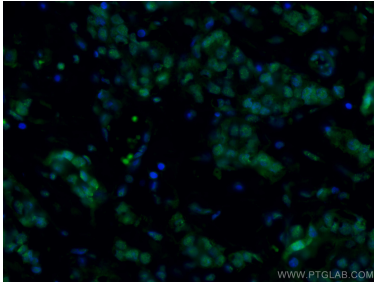
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

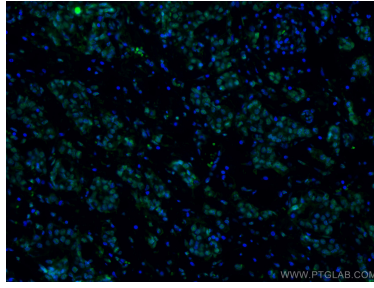
E: proteintech@ptglab.com
W: ptglab.com

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 (4% PFA) fixed human breast cancer tissue using CL488-66536 (AMPK alpha antibody) at dilution of 1:100.



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