

For Research Use Only

# CoraLite® Plus 488-conjugated ARK5 Recombinant antibody

Catalog Number: CL488-84893-5



## Basic Information

Catalog Number: CL488-84893-5	GenBank Accession Number: BC152462	Purification Method: Protein A purification
Concentration: 1000 ug/ml	GeneID (NCBI): 9891	CloneNo.: 242411F1
Source: Rabbit	UNIPROT ID: O60285	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: NUAK family, SNF1-like kinase, 1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG18832	Calculated MW: 661 aa, 74 kDa	

## Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : A431 cells,
Species Specificity: human	

## Background Information

NUAK1 is a member of the human adenosine monophosphate (AMP)-activated protein kinase family that has been identified as a key tumor cell survival factor. It is also named as ARK5, KIAA0537, OMPHK1 and belongs to the protein kinase superfamily. The physiological role of NUAK1 is potentially to suppress glucose uptake through negative regulation of INS signaling in oxidative muscle. This protein has 2 isoforms 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, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

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

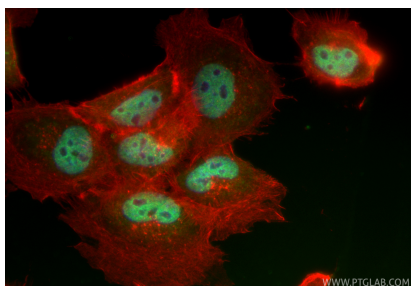
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A431 cells using Coralite® Plus 488 ARK5 antibody (CL488-84893-5, Clone: 242411F1) at dilution of 1:200, CL594-Phalloidin (red).