

For Research Use Only

# ARK5 Recombinant antibody

Catalog Number: 84893-5-RR



## Basic Information

<b>Catalog Number:</b> 84893-5-RR	<b>GenBank Accession Number:</b> BC152462	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 9891	<b>CloneNo.:</b> 242411F1
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O60285	<b>Recommended Dilutions:</b> IF/ICC 1:200-1:800
<b>Isotype:</b> IgG	<b>Full Name:</b> NUAK family, SNF1-like kinase, 1	
<b>Immunogen Catalog Number:</b> AG18832	<b>Calculated MW:</b> 661 aa, 74 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC, ELISA	<b>Positive Controls:</b> IF/ICC : A431 cells,
<b>Species Specificity:</b> 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. 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**

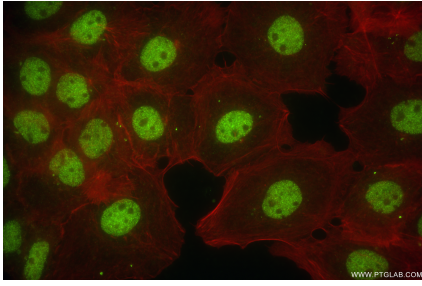
For technical support and original validation data for this product please contact:

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed A431 cells using NUA1 antibody (84893-5-RR, Clone: 242411F1 ) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).