

For Research Use Only

# ARK5 Recombinant antibody, PBS Only

Catalog Number: 84893-5-PBS



## Basic Information

<b>Catalog Number:</b> 84893-5-PBS	<b>GenBank Accession Number:</b> BC152462	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 9891	<b>CloneNo.:</b> 242411F1
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O60285	
<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

**Tested Applications:**  
IF/ICC, Indirect ELISA

**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 -80°C.

**Storage Buffer:**  
PBS Only

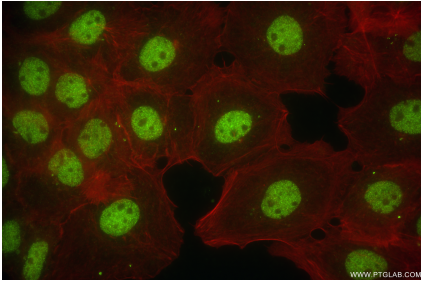
For technical support and original validation data for this product please contact:

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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). This data was developed using the same antibody clone with 84893-5-PBS in a different storage buffer formulation.