

À des fins de recherche uniquement

# Anticorps Monoclonal anti-AMPK Beta 2



Numéro de catalogue: 66579-1-Ig

## Informations de base

<b>Numéro de catalogue:</b> 66579-1-Ig	<b>Numéro d'acquisition GenBank:</b> BC053610	<b>Méthode de purification:</b> Purification par protéine G
<b>Taille:</b> 150ul , Concentration: 1200 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 5565	<b>CloneNo.:</b> 2D5C1
<b>Hôte:</b> Mouse	<b>Nom complet:</b> protein kinase, AMP-activated, beta 2 non-catalytic subunit	<b>Dilutions recommandées:</b> WB 1:1000-1:3000 IF 1:400-1:1600
<b>Isotype:</b> IgG1	<b>MW calculé:</b> 30 kDa	
<b>Immunogen Catalog Number:</b> AG5806	<b>MW observés:</b> 33 kDa	

## Applications

### Applications testées:

IF, WB, ELISA

### Spécificité de l'espèce:

Humain, rat, souris

### Contrôles positifs:

**WB :** cellules A375, cellules A431, cellules A549, cellules HeLa, tissu cérébral de rat, tissu cérébral de souris, tissu cérébral humain

**IF :** cellules HeLa,

## Informations générales

AMPK beta 2 is a regulatory subunit of the AMP-activated protein kinase (AMPK), which is a heterotrimer consisting of an alpha catalytic subunit, and non-catalytic beta and gamma subunits. AMPK is an important energy-sensing enzyme that monitors cellular energy status. In response to cellular metabolic stresses, AMPK is activated, and thus phosphorylates and inactivates acetyl-CoA carboxylase (ACC) and beta-hydroxy beta-methylglutaryl-CoA reductase (HMGCR), key enzymes involved in regulating de novo biosynthesis of fatty acid and cholesterol. AMPK beta 2 may be a positive regulator of AMPK activity. It is highly expressed in skeletal muscle and thus may have tissue-specific roles.

## Stockage

### Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

### Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

**\*\*\* Les 20ul contiennent 0,1% de BSA.**

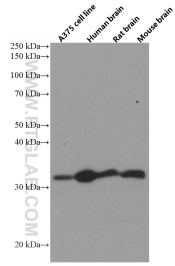
For technical support and original validation data for this product please contact:

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

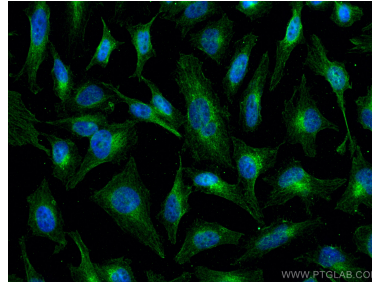
E: proteintech@ptglab.com  
W: ptglab.com

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

## Données de validation sélectionnées



Various lysates were subjected to SDS PAGE followed by western blot with 66579-1-Ig (AMPK beta 2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using AMPK Beta 2 antibody (66579-1-Ig, Clone: 2D5C1) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).