

À des fins de recherche uniquement

# Anticorps Monoclonal anti-AMPK Beta 2



Numéro de catalogue: **CL594-66579**

## Informations de base

Numéro de catalogue: CL594-66579	Numéro d'acquisition GenBank: BC053610	Méthode de purification: Purification par protéine G
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 5565	CloneNo.: 2D5C1
Hôte: Mouse	Nom complet: protein kinase, AMP-activated, beta 2 non-catalytic subunit	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG1	MW calculé 30 kDa	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG5806	MW observés: 33 kDa	

## Applications

Applications testées: IF	Contrôles positifs: IF : cellules HeLa,
Spécificité de l'espèce: Humain, rat, souris	

## 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

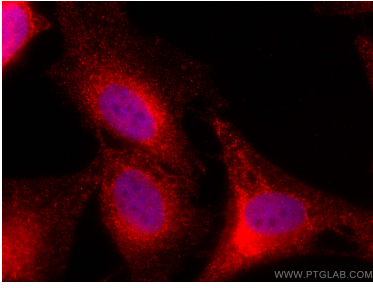
**Stockage:**  
Stocker à -20 °C. Éviter toute exposition à la lumière. Stable pendant un an après l'expédition.  
**Tampon de stockage:**  
PBS avec glycérol à 50 %, Proclin300 à 0,05 % et BSA à 0,5 %, pH 7,3.  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

**\*\*\* 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



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite®594 AMPK Beta 2 antibody (CL594-66579, Clone: 2D5C1) at dilution of 1:200.