

À des fins de recherche uniquement

# Anticorps Monoclonal anti-ARNT, HIF1B



Numéro de catalogue: CL594-66732

## Informations de base

Numéro de catalogue: CL594-66732	Numéro d'acquisition GenBank: BC060838	Méthode de purification: Purification par protéine G
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 405	CloneNo.: 3B12C5
Hôte: Mouse	Nom complet: aryl hydrocarbon receptor nuclear translocator	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG1	MW calculé 416 aa, 46 kDa, 87 kDa	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG5507	MW observés: 87 kDa	

## Applications

Applications testées: FC (Intra), IF	Contrôles positifs: IF : cellules HepG2,
Spécificité de l'espèce: Humain	

## Informations générales

HIF1B, also named as ARNT, is a 789 amino acid protein, which forms a heterodimer with AHR, AHRR, HIF1A and EPAS1/HIF2A as well as with other bHLH proteins. HIF1B is Required for activity of the Ah (dioxin) receptor. This protein is required for the ligand-binding subunit to translocate from the cytosol to the nucleus after ligand binding. The heterodimer with HIF1A or EPAS1/HIF2A functions as a transcriptional regulator of the adaptive response to hypoxia

## 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.**

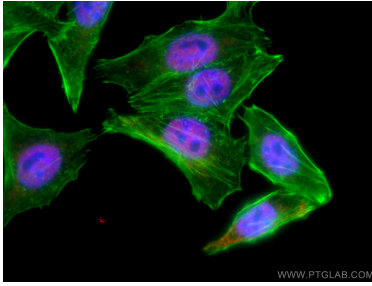
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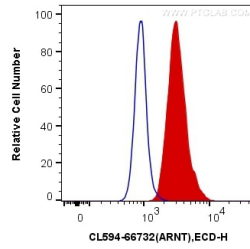
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## Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CoraLite®594-conjugated ARNT,HIF1B antibody (CL594-66732, Clone: 3B12C5) at dilution of 1:200, CL488-Phalloidin (green).



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug CoraLite®594 Anti-Human ARNT,HIF1B (CL594-66732, Clone:3B12C5) (red), or 0.4 ug Mouse IgG1 Isotype Control (CL594-66360, Clone: T1F8D3F10) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).