

À des fins de recherche uniquement

# Anticorps Monoclonal anti-HIF1a

Numéro de catalogue: HRP-66730



## Informations de base

<b>Numéro de catalogue:</b> HRP-66730	<b>Numéro d'acquisition GenBank:</b> BC012527	<b>Méthode de purification:</b> Purification par protéine G
<b>Taille:</b> 100ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	<b>Identification du gène (NCBI):</b> 3091	<b>CloneNo.:</b> 1H3C12
<b>Hôte:</b> Mouse	<b>Nom complet:</b> hypoxia inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor)	
<b>Isotype:</b> IgG1	<b>MW calculé</b> 826 aa, 93 kDa	
<b>Immunogen Catalog Number:</b> AG15198	<b>MW observés:</b> 120 kDa	

## Applications

**Applications testées:**  
**Spécificité de l'espèce:**  
Humain

## Informations générales

HIF1a, the major regulator of the cellular responses to hypoxia, consists of an oxygen-sensitive subunit, HIF1 alpha (HIF1A), and an oxygen-insensitive subunit, HIF1 beta (arylhydrocarbon receptor nuclear transporter [ARNT]). Under normal oxygen conditions, HIF1a is continuously produced and destroyed, in a process involving hydroxylation, interaction with von Hippel-Lindau (VHL) protein, polyubiquitylation and subsequent proteasomal degradation. Under hypoxic conditions, hydroxylation is impaired and HIF1a is stabilized. HIF1a localizes in cytoplasm in normoxia, but it can translocate into nuclear in response to hypoxia. The calculated molecular weight of HIF1a is 93 kDa, but the modified protein HIF1a is about 110-120kDa (PMID: 11698256, .PMID: 7539918).

## 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:

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