

À des fins de recherche uniquement

# Anticorps Monoclonal anti-NDUFB7

Numéro de catalogue: 68362-1-Ig



## Informations de base

Numéro de catalogue: 68362-1-Ig	Numéro d'acquisition GenBank: BC002595	Méthode de purification: Purification par protéine G
Taille: 150ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 4713	CloneNo.: 1H8C1
Hôte: Mouse	Nom complet: NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 7, 18kDa	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:250-1:1000
Isotype: IgG1	MW calculé: 16 kDa	
Immunogen Catalog Number: AG6720	MW observés: 18 kDa	

## Applications

### Applications testées:

FC, IHC, WB, ELISA

### Spécificité de l'espèce:

Humain, Lapin, porc, rat, souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) À défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

### Contrôles positifs:

WB : cellules LNCaP, cellules HEK-293, cellules HeLa, cellules MCF-7, tissu cardiaque de lapin, tissu cardiaque de porc, tissu cardiaque de rat, tissu cardiaque de souris

IHC : tissu cardiaque de souris,

## Informations générales

NDUFB7(NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7) is also named as CI-B18 and belongs to the complex I NDUFB7 subunit family. It is an accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), which couples the oxidation of NADH to the reduction of ubiquinone and the translocation of protons across the inner membrane. NDUFB7 protein lacks a mitochondrial targeting signal and transmembrane domains. However, it has a Cx(9)C motif that includes an intermembrane space targeting signal. (PMID:21310150).

## 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.

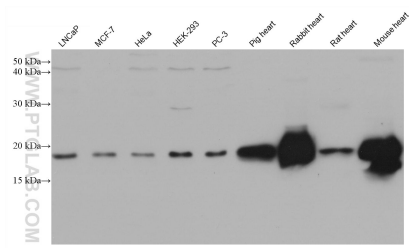
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
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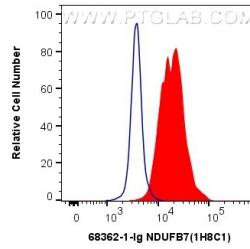
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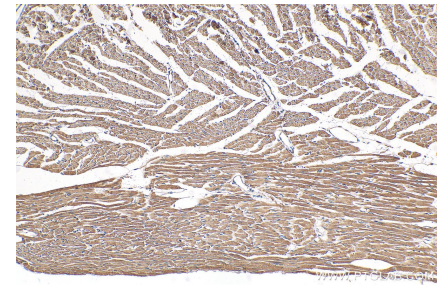
## Données de validation sélectionnées



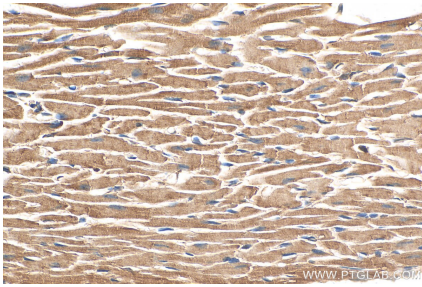
Various lysates were subjected to SDS PAGE followed by western blot with 68362-1-Ig (NDUFB7 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



$1 \times 10^6$  HEK-293 cells were intracellularly stained with 0.4  $\mu$ g Anti-Human NDUFB7 (68362-1-Ig, Clone:1H8C1) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4  $\mu$ g Mouse IgG1 Isotype Control (MOPC-21) (65124-1-Ig, Clone: MOPC-21) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 68362-1-Ig (NDUFB7 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse heart tissue slide using 68362-1-Ig (NDUFB7 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).