

À des fins de recherche uniquement

# Anticorps Monoclonal anti-PHOX2B

Numéro de catalogue: 66254-1-Ig **1 Publications**



## Informations de base

|  |   |   |
|--|---|---|
| Numéro de catalogue:<br>66254-1-Ig   | Numéro d'acquisition GenBank:<br>BC017199 | Méthode de purification:<br>Purification par protéine A                         |
| Taille:<br>150ul, Concentration: 1500 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard; | Identification du gène (NCBI):<br>8929    | CloneNo.:<br>1F5F5  |
| Hôte:<br>Mouse   | Nom complet:<br>paired-like homeobox 2b   | Dilutions recommandées:<br>WB 1:1000-1:5000<br>IHC 1:20-1:200<br>IF 1:200-1:800 |
| Isotype:<br>IgG2a  | MW calculé:<br>31 kDa                     |   |
| Immunogen Catalog Number:<br>AG13196   | MW observés:<br>32-36 kDa                 |   |

## Applications

|   |   |
|---|---|
| Applications testées:<br>IF, IHC, WB, ELISA   | Contrôles positifs:<br>WB : cellules Neuro-2a,<br>IHC : tissu de neuroblastome,<br>IF : cellules SH-SY5Y, cellules Neuro-2a |
| Demandes citées:<br>IF  |   |
| Spécificité de l'espèce:<br>Humain, souris  |   |
| Espèces citées:<br>Humain   |   |
| <b>Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.</b> |   |

## Informations générales

Paired mesoderm homeobox protein 2B (PHOX2B), also named as Neuroblastoma Phox, is a 314 amino acid protein, which contains one homeobox DNA-binding domain and belongs to the paired homeobox family. PHOX2B localizes in the nucleus and is expressed in neuroblastoma, brain and adrenal gland. PHOX2B plays a role in the development of several major noradrenergic neuron populations, including the locus coeruleus. PHOX2B has an association with congenital central hypoventilation syndrome.

## Publications notables

| Autrice            | Pubmed ID | Journal    | Application |
|--------------------|-----------|------------|-------------|
| Ouranio Anastasiou | 32098802  | Sci Signal | IF          |

## Stockage

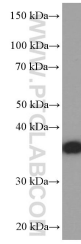
Stockage:  
Stocker à -20°C. Stable pendant un an après l'expédition.  
Tampon de stockage:  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

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

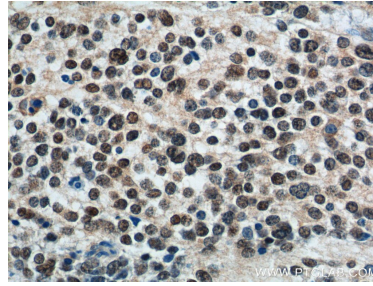
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

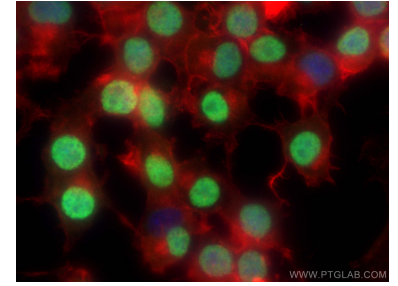
## Données de validation sélectionnées



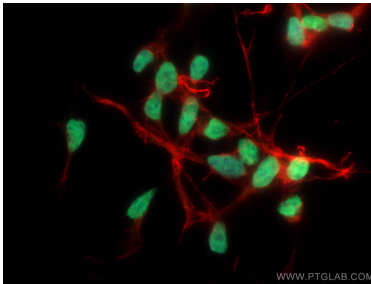
Neuro-2a cells were subjected to SDS PAGE followed by western blot with 66254-1-Ig (PHOX2B Antibody) at dilution of 1:2500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded neuroblastoma tissue slide using 66254-1-Ig (PHOX2B antibody) at dilution of 1:300 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed Neuro-2a cells using PHOX2B antibody (66254-1-Ig, Clone: 1F5F5 ) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed SH-SY5Y cells using PHOX2B antibody (66254-1-Ig, Clone: 1F5F5 ) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-phalloidin (red).