

À des fins de recherche uniquement

# Anticorps Monoclonal anti-GDF10

Numéro de catalogue: 66371-1-Ig 1 Publications



## Informations de base

|                                                                                                                       |                                                  |                                                         |
|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------|
| Numéro de catalogue:<br>66371-1-Ig                                                                                    | Numéro d'acquisition GenBank:<br>BC028237        | Méthode de purification:<br>Purification par protéine A |
| Taille:<br>150ul , Concentration: 1400 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard; | Identification du gène (NCBI):<br>2662           | CloneNo.:<br>1B7D12                                     |
| Hôte:<br>Mouse                                                                                                        | Nom complet:<br>growth differentiation factor 10 | Dilutions recommandées:<br>WB 1:500-1:2000              |
| Isotype:<br>IgG2a                                                                                                     | MW calculé<br>53 kDa                             |                                                         |
| Immunogen Catalog Number:<br>AG4906                                                                                   | MW observés:<br>53 kDa                           |                                                         |

## Applications

|                                               |                                                                               |
|-----------------------------------------------|-------------------------------------------------------------------------------|
| Applications testées:<br>WB, ELISA            | Contrôles positifs:<br>WB : tissu de moelle osseuse de porc, cellules ROS1728 |
| Demandes citées:<br>WB                        |                                                                               |
| Spécificité de l'espèce:<br>Humain, porc, rat |                                                                               |
| Espèces citées:<br>rat                        |                                                                               |

## Informations générales

Growth differentiation factor-10 (GDF10), also known as BMP3b, is a member of the transforming growth factor- $\beta$  (TGF- $\beta$ ) superfamily. Ligands of this family bind various TGF- $\beta$  receptors leading to recruitment and activation of SMAD family transcription factors that regulate gene expression. The encoded preproprotein is proteolytically processed to generate each subunit of the disulfide-linked homodimer. This promotes neural repair after stroke. GDF10 plays a role in head formation and may have multiple roles in skeletal morphogenesis. Additionally, GDF10 may act as a tumor suppressor and reduced expression of this gene is associated with oral cancer.

## Publications notables

| Autrice     | Pubmed ID | Journal           | Application |
|-------------|-----------|-------------------|-------------|
| Yun Wei Shi | 28690033  | Brain Behav Immun | WB          |

## Stockage

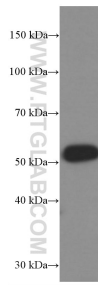
Stockage:  
Stocker à -20°C. Stable pendant un an après l'expédition.  
Tampon de stockage:  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20°C

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

For technical support and original validation data for this product please contact:  
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## Données de validation sélectionnées



pig bone marrow tissue were subjected to SDS PAGE followed by western blot with 66371-1-Ig (GDF10 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.