

À des fins de recherche uniquement

# Anticorps Monoclonal anti-OLIG2

Numéro de catalogue: CL488-66513



## Informations de base

Numéro de catalogue: CL488-66513	Numéro d'acquisition GenBank: BC047511	Méthode de purification: Purification par protéine A
Taille: 100ul, Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 10215	CloneNo.: 1E8C5
Hôte: Mouse	Nom complet: oligodendrocyte lineage transcription factor 2	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG2a	MW calculé 32 kDa	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG18838	MW observés: 35-39 kDa	

## Applications

Applications testées: IF	Contrôles positifs: IF : tissu cérébral de souris,
Spécificité de l'espèce: Humain, rat, souris	

## Informations générales

OLIG2, also named as BHLHB1, BHLHE19, PRKCBP2 and RACK17, is required for oligodendrocyte and motor neuron specification in the spinal cord, as well as for the development of somatic motor neurons in the hindbrain. Cooperates with OLIG1, OLIG2 establish the pMN domain of the embryonic neural tube. Antagonist of V2 interneuron and of NIK2-2-induced V3 interneuron development. OLIG2 is widely expressed in subsets of glia cells and progenitors, and it is strongly induced at different sites by both acute and chronic injury, albeit with different mechanisms. OLIG2 acts as a repressor of neurogenesis in cells reacting to brain injury. It may represent an effective approach towards evoking neuronal repair from parenchymal precursors. (PMID:19390819)

## 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.**

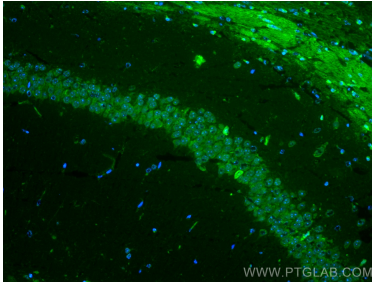
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

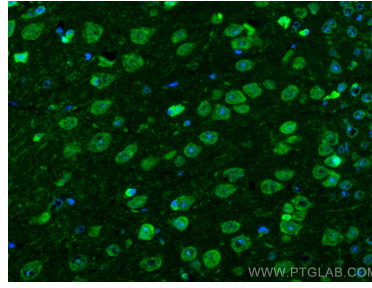
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## Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite® Plus 488 Olig2 antibody (CL488-66513, Clone: 1E8C5) at dilution of 1:200.



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