

Nur für Forschungszwecke

# OLIG2 Monoklonaler Antikörper

Katalog-Nr.:CL488-66513



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL488-66513	<b>GenBank-Zugangsnummer:</b> BC047511	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von10215 Nanodrop;	<b>GeneID (NCBI):</b> von10215	<b>CloneNo.:</b> 1E8C5
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> oligodendrocyte lineage transcription factor 2	<b>Empfohlene Verdünnungen:</b> IF 1:50-1:500
<b>Isotyp:</b> IgG2a	<b>Berechnete Masse:</b> 32 kDa	<b>Anregungs-/Emissionsmaxima-Wellenlängen:</b> 493 nm / 522 nm
<b>Immunogen Katalognummer:</b> AG18838	<b>Beobachtete Masse:</b> 35-39 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> IF	<b>Positivkontrollen:</b> IF : Maushirngewebe,
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	

## Hintergrundinformationen

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)

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen. Nach dem Versand ein Jahr stabil.  
**Lagerungspuffer:**  
BS mit 50% Glycerin, 0,05% Proclin300, 0,5% BSA, pH 7,3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

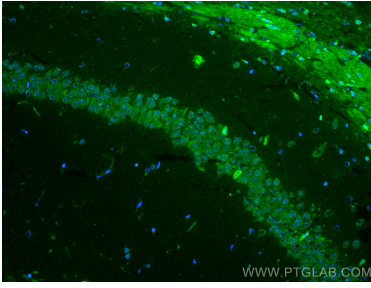
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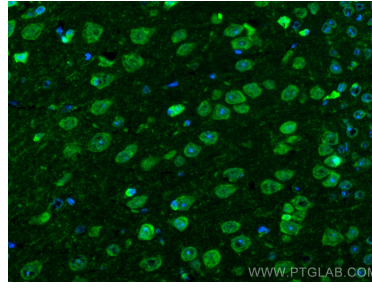
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## Ausgewählte Validierungsdaten



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



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