

Nur für Forschungszwecke

# MAOB Monoklonaler Antikörper

Katalog-Nr.:CL594-66107



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL594-66107	<b>GenBank-Zugangsnummer:</b> BC022494	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von4129 Nanodrop;	<b>GeneID (NCBI):</b> 4129	<b>CloneNo.:</b> 2B12F3
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> monoamine oxidase B	<b>Empfohlene Verdünnungen:</b> IF 1:50-1:500
<b>Isotyp:</b> IgG1	<b>Berechnete Masse:</b> 520 aa, 59 kDa	<b>Anregungs-/Emissionsmaxima- Wellenlängen:</b> 588 nm / 604 nm
<b>Immunogen Katalognummer:</b> AG17918	<b>Beobachtete Masse:</b> 59 kDa	

## Anwendungen

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

## Hintergrundinformationen

The MAOB gene encodes a 520-amino acid protein with a molecular mass of 58.8 kD and shows 70% amino acid identity to MAOA. MAOA and MAOB are present in the outer mitochondrial membrane in the central nervous system and peripheral tissues. A comparison of highly purified human placental MAOA and human liver MAOB revealed that the A form of the enzyme is larger by 2 kDa and only one potential N-glycosylation site exists in each protein, with each site in a different relevant position(PMID:3387449).

## Lagerung

**Lagerungsbedingungen:**  
Bei -20°C lagern. Vor Licht schützen.  
**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

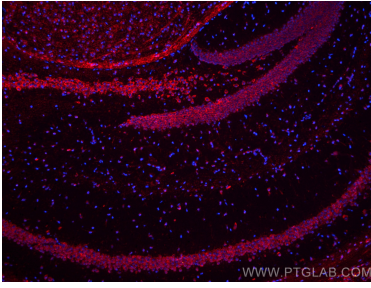
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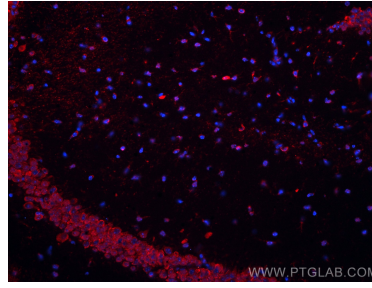
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## Ausgewählte Validierungsdaten



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite®594 MAOB antibody (CL594-66107, Clone: 2B12F3 ) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite®594 MAOB antibody (CL594-66107, Clone: 2B12F3 ) at dilution of 1:200.