

Nur für Forschungszwecke

# SOX10 Monoklonaler Antikörper

Katalog-Nr.:CL594-66786



## Allgemeine Informationen

<b>Katalog-Nr.:</b> CL594-66786	<b>GenBank-Zugangsnummer:</b> BC002824	<b>Reinigungsmethode:</b> Protein-A-Reinigung
<b>Größe:</b> 100ul , Konzentration: 1000 µg/ml von6663 Nanodrop;	<b>GeneID (NCBI):</b> 10	<b>CloneNo.:</b> 1D2C8
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> SRY (sex determining region Y)-box	<b>Empfohlene Verdünnungen:</b> IF 1:50-1:500
<b>Isotyp:</b> IgG2a	<b>Berechnete Masse:</b> 50 kDa	<b>Anregungs-/Emissionsmaxima- Wellenlängen:</b> 588 nm / 604 nm
<b>Immunogen Katalognummer:</b> AG23191	<b>Beobachtete Masse:</b>	

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC (Intra), IF	<b>Positivkontrollen:</b> IF : Maushirngewebe, Rattenhirngewebe
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	

## Hintergrundinformationen

Sox10 is a transcription factor that has a crucial role in complex signalling pathways regulating central nervous system and neural crest development. The calculated molecular weight of SOX10 is 50 kDa, but modified SOX10 is about 55-60 kDa. (PMID: 23799842)

## 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

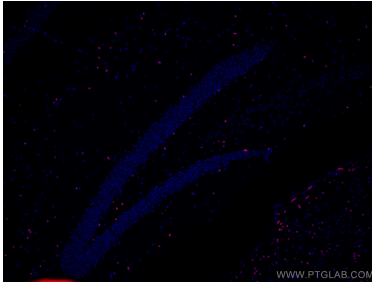
For technical support and original validation data for this product please contact:

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

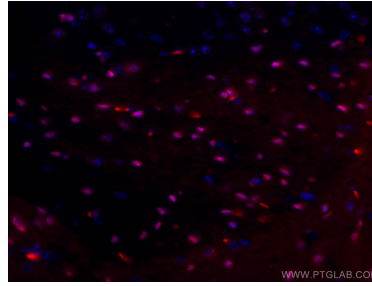
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

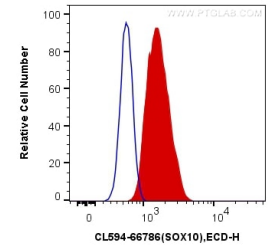
## Ausgewählte Validierungsdaten



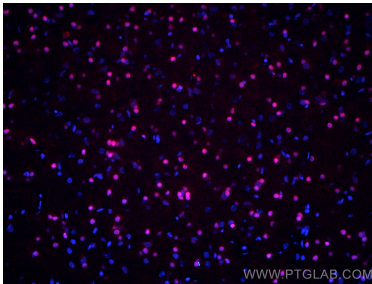
Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite@594 SOX10 antibody (CL594-66786, Clone: 1D2C8) at dilution of 1:200. DAPI (blue).



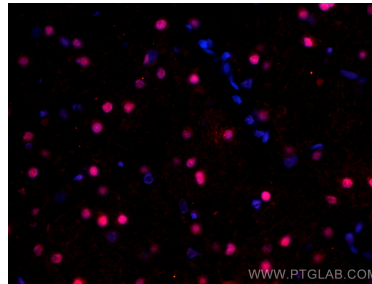
Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite@594-conjugated SOX10 antibody (CL594-66786, Clone: 1D2C8) at dilution of 1:100.



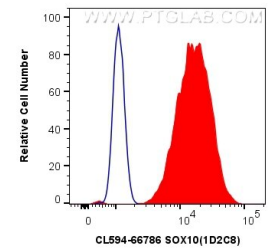
1X10<sup>6</sup> C6 cells were intracellularly stained with 0.2 ug CoraLite@594 Anti-Human SOX10 (CL594-66786, Clone:1D2C8) (red), or 0.2 ug Mouse IgG2a Isotype Control (CL594-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Immunofluorescent analysis of (4% PFA) fixed rat brain tissue using CoraLite@594 SOX10 antibody (CL594-66786, Clone: 1D2C8) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed rat brain tissue using CoraLite@594 SOX10 antibody (CL594-66786, Clone: 1D2C8) at dilution of 1:200.



1X10<sup>6</sup> C6 cells were intracellularly stained with 0.4 ug CoraLite@594 Anti-Human SOX10 (CL594-66786, Clone:1D2C8) (red), or 0.4 ug Mouse IgG2a Isotype Control (CL594-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).