

À des fins de recherche uniquement

# Anticorps Monoclonal anti-SOX2

Numéro de catalogue: CL594-66411



## Informations de base

Numéro de catalogue: CL594-66411	Numéro d'acquisition GenBank: BC013923	Méthode de purification: Purification par protéine G
Taille: 100ul , Concentration: 1000 µg/ml by Nanodrop;	Identification du gène (NCBI): 6657	CloneNo.: 4B9B10
Hôte: Mouse	Nom complet: SRY (sex determining region Y)-box 2	Dilutions recommandées: IF 1:50-1:500
Isotype: IgG1	MW calculé 34 kDa	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG13635	MW observés: 34-40 kDa	

## Applications

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

## Informations générales

Sox2, also known as SRY (sex determining region Y)-box 2, is a transcription factor essential for maintaining self-renewal of undifferentiated ES cells and is one of the key transcription factors used to reprogram mouse and human fibroblasts to a pluripotent state. Sox2 expressed in undifferentiated pluripotent stem cells and germ cells during development. This antibody is raised against an internal region of human SOX2. And the antibody is conjugated with CL594, Ex/Em 593 nm/614 nm.

## 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.**

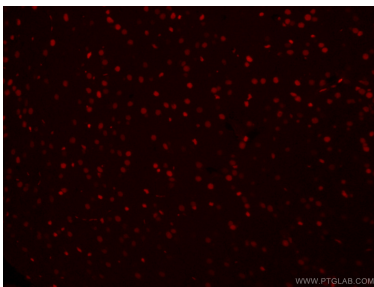
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
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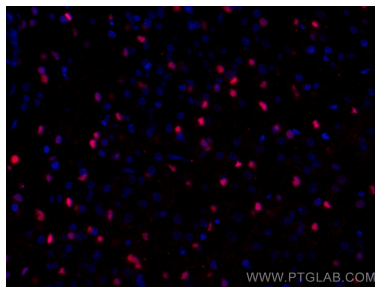
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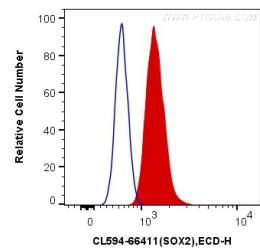
## Données de validation sélectionnées



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CL594-66411 (SOX2 antibody) at dilution of 1:50.



Immunofluorescent analysis of (4% PFA) fixed rat brain tissue using CoraLite®594 SOX2 antibody (CL594-66411, Clone: 4B9B10) at dilution of 1:400.



1X10<sup>6</sup> U-251 cells were intracellularly stained with 0.2 ug CoraLite®594 Anti-Human SOX2 (CL594-66411, Clone:4B9B10) (red), or 0.2 ug Mouse IgG1 Isotype Control (CL594-66360, Clone: T1F8D3F10) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).