

For Research Use Only

# CoraLite®594-conjugated TBR1 Monoclonal antibody



Catalog Number: CL594-66564 **1 Publications**

## Basic Information

<b>Catalog Number:</b> CL594-66564	<b>GenBank Accession Number:</b> BC104844	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 10716	<b>CloneNo.:</b> 5C3A5
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q16650	<b>Recommended Dilutions:</b> IF 1:50-1:500
<b>Isotype:</b> IgG1	<b>Full Name:</b> T-box, brain, 1	<b>Excitation/Emission maxima wavelengths:</b> 588 nm / 604 nm
<b>Immunogen Catalog Number:</b> AG15262	<b>Calculated MW:</b> 682 aa, 74 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC	<b>Positive Controls:</b> IF : mouse brain tissue,
<b>Cited Applications:</b> IF	
<b>Species Specificity:</b> Human, rat, mouse, pig	
<b>Cited Species:</b> human	

## Background Information

TBR1, also named as T-box brain protein 1, is a 682 amino acid protein, which contains one T-box DNA-binding domain and localizes in the nucleus. TBR1 is expressed in the brain and as a transcriptional regulator is involved in developmental processes. TBR1 is required for normal brain development. The antibody is conjugated with CL594, Ex/Em 593 nm/614 nm.

## Notable Publications

Author	Pubmed ID	Journal	Application
Aur�lie de Thonel	36385105	Nat Commun	IF

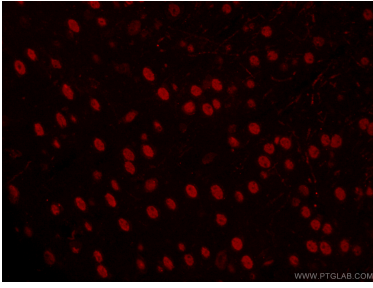
## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

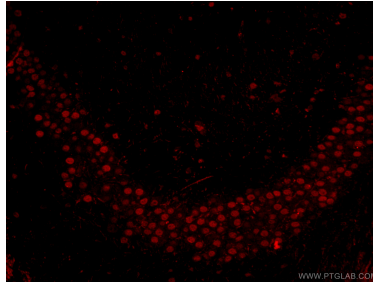
For technical support and original validation data for this product please contact:  
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CL594-66564 (TBR1 antibody) at dilution of 1:50.



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