

For Research Use Only

# CoraLite®594-conjugated TBR1 Monoclonal antibody

Catalog Number: CL594-66564

1 Publications



## Basic Information

Catalog Number:

CL594-66564

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG15262

GenBank Accession Number:

BC104844

GeneID (NCBI):

10716

UNIPROT ID:

Q16650

Full Name:

T-box, brain, 1

Calculated MW:

682 aa, 74 kDa

Purification Method:

Protein G purification

CloneNo.:

5C3A5

Recommended Dilutions:

IF-P 1:50-1:500

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

## Applications

Tested Applications:

IF-P

Cited Applications:

IF

Species Specificity:

Human, rat, mouse, pig

Cited Species:

human

Positive Controls:

IF-P : mouse brain tissue,

## 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

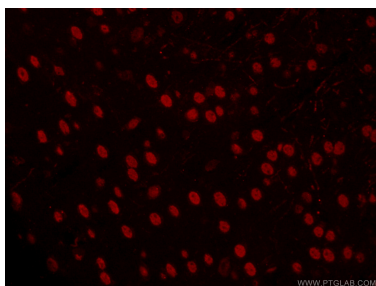
For technical support and original validation data for this product please contact:

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

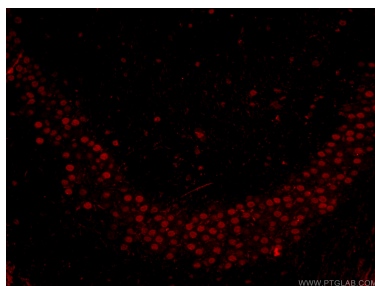
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



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



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