

CoraLite®594-conjugated TBR1 Monoclonal antibody

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

Basic Information

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

Applications

Tested Applications: IF/ICC	Positive Controls: IF : mouse brain tissue,
Cited Applications: IF	
Species Specificity: Human, rat, mouse, pig	
Cited Species: 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.

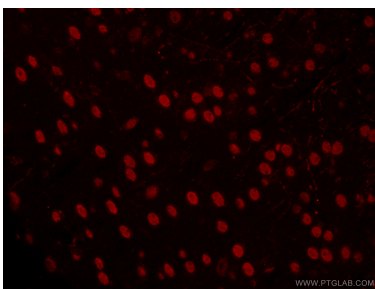
Notable Publications

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

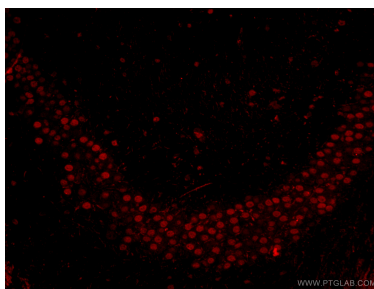
Storage

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

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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