

For Research Use Only

# CoraLite® Plus 488-conjugated TBR1 Monoclonal antibody



Catalog Number: **CL488-66564**

## Basic Information

<b>Catalog Number:</b> CL488-66564	<b>GenBank Accession Number:</b> BC104844	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 10716	<b>CloneNo.:</b> 5C3A5
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q16650	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Isotype:</b> IgG1	<b>Full Name:</b> T-box, brain, 1	
<b>Immunogen Catalog Number:</b> AG15262	<b>Calculated MW:</b> 682 aa, 74 kDa	
	<b>Observed MW:</b> 74 kDa	

## Applications

**Tested Applications:**  
**Species Specificity:**  
Human, rat, mouse, pig

## 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 CL488, Ex/Em 488 nm/515 nm.

## 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)  
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