

# CoraLite®594-conjugated TRIM2 Monoclonal antibody

Catalog Number: **CL594-67342**

## Basic Information

**Catalog Number:**

CL594-67342

**Size:**

1000 µg/ml

**Source:**

Mouse

**Isotype:**

IgG1

**Immunogen Catalog Number:**

AG14637

**GenBank Accession Number:**

BC011052

**GeneID (NCBI):**

23321

**UNIPROT ID:**

Q9C040

**Full Name:**

tripartite motif-containing 2

**Calculated MW:**

744 aa, 82 kDa

**Observed MW:**

70-85 kDa

**Purification Method:**

Protein G purification

**CloneNo.:**

1H9C2

**Recommended Dilutions:**

IF-P 1:50-1:500

**Excitation/Emission maxima  
wavelengths:**

588 nm / 604 nm

## Applications

**Tested Applications:**

IF-P

**Species Specificity:**

Human, Mouse, Rat, Pig

**Positive Controls:**

IF-P : mouse brain tissue,

## Background Information

Tripartite motif-containing 2 (TRIM2) is an E3 ubiquitin ligase which directs proteasome-mediated degradation of target proteins by the ubiquitination of NEFL and phosphorylation of BCL2L11. This protein contains an N-terminal RING domain, followed by a B-box-2 domain, a coiled-coil region, and 6 C-terminal NHL repeats. TRIM2 involves in the apoptotic response to ischemia via directing degradation of BIM protein, thus has a role in neuroprotection.

## Storage

**Storage:**

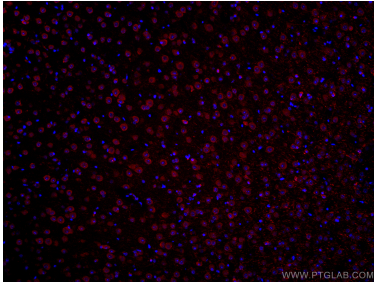
Store at -20°C. Avoid exposure to light.

**Storage Buffer:**

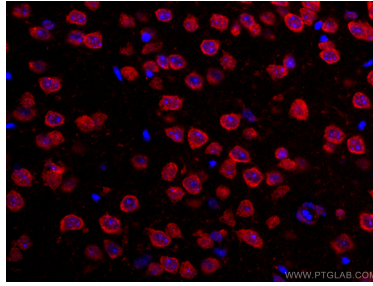
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse brain tissue using CoraLite®594 TRIM2 antibody (CL594-67342, Clone: 1H9C2 ) at dilution of 1:200.



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