

For Research Use Only

# CoraLite®594-conjugated 14-3-3 Monoclonal antibody



Catalog Number:CL594-66061

## Basic Information

Catalog Number:

CL594-66061

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG6055

GenBank Accession Number:

BC056867

GeneID (NCBI):

10971

UNIPROT ID:

P27348

Full Name:

tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, theta polypeptide

Calculated MW:

28 kDa

Observed MW:

31 kDa, 28 kDa

Purification Method:

Protein G purification

CloneNo.:

2E10A3

Recommended Dilutions:

IF/ICC 1:50-1:500

Excitation/Emission maxima wavelengths:

588 nm / 604 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

human, rat, mouse, pig

Positive Controls:

IF/ICC : HepG2 cells,

## Background Information

14-3-3 proteins interact with a wide spectrum of proteins and possess diverse functions. Mammals express seven distinct 14-3-3 isoforms (gamma, epsilon, beta, zeta, sigma, theta, tau) that form multiple homo- and heterodimers. 14-3-3 proteins display the highest expression levels in the brain, and have been implicated in several neurodegenerative diseases, including Alzheimer's disease and amyotrophic lateral sclerosis.

## 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:

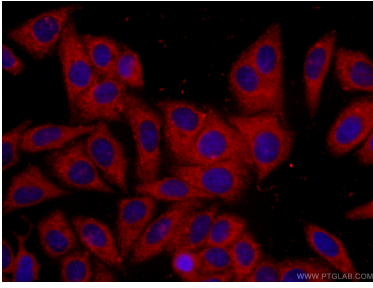
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.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 (-20°C Ethanol) fixed HepG2 cells using CL594-66061 (14-3-3 antibody) at dilution of 1:50.