

For Research Use Only

# CoraLite®594-conjugated INA Monoclonal antibody



Catalog Number:CL594-67120

## Basic Information

<b>Catalog Number:</b> CL594-67120	<b>GenBank Accession Number:</b> BC006359	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 9118	<b>CloneNo.:</b> 3C12A8
<b>Source:</b> Mouse	<b>Full Name:</b> internexin neuronal intermediate filament protein, alpha	<b>Excitation/Emission maxima wavelengths:</b> 588 nm / 604 nm
<b>Isotype:</b> IgG2a	<b>Calculated MW:</b> 55 kDa	
<b>Immunogen Catalog Number:</b> AG13655	<b>Observed MW:</b> 60-66 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
Human, Mouse, Rat, Pig

## Background Information

INA, also named as Alpha internexin, is a 66 kDa intermediate filament protein which is involved in the morphogenesis of neurons. INA is mainly expressed in various kinds of central and peripheral neurons from early development and highly expressed in neurodegenerative and neuronal death cells. The MW of INA ranges from 60 kDa in human, pig and mouse to 66 kDa in rat.(PMID: 29940892, 2201753)

## 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.

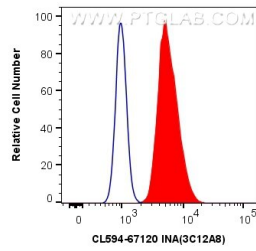
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

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 W: ptglab.com

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

## Selected Validation Data



1X10<sup>6</sup> SH-SY5Y cells were intracellularly stained with 0.4 ug CoraLite® 594 Anti-Human INA (CL594-67120, Clone:3C12A8) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).