

For Research Use Only

# CoraLite®594-conjugated ALDH9A1 Monoclonal antibody



Catalog Number:CL594-67372

## Basic Information

Catalog Number:

CL594-67372

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG24493

GenBank Accession Number:

BC151140

GeneID (NCBI):

223

UNIPROT ID:

P49189

Full Name:

aldehyde dehydrogenase 9 family,  
member A1

Calculated MW:

518 aa, 56 kDa

Observed MW:

46 kDa

Purification Method:

Protein G purification

CloneNo.:

3C5C9

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima

wavelengths:

588 nm / 604 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

Human

Positive Controls:

IF : HeLa cells,

## Background Information

Aldehyde dehydrogenase 9 family member A1(ALDH9A1), belongs to the aldehyde dehydrogenase family of proteins. ALDH9A1 has a high activity for oxidation of gamma-aminobutyraldehyde and other amino aldehydes. ALDH9A1 catalyzes the dehydrogenation of gamma-aminobutyraldehyde to gamma-aminobutyric acid. ALDH9A1 has 3 isoforms with the molecular mass of 46-56 kDa.

## 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

For technical support and original validation data for this product please contact:

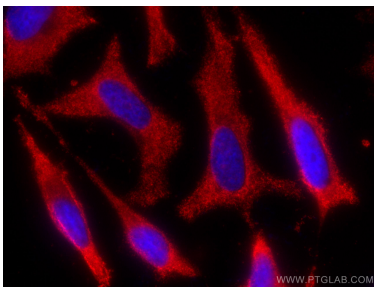
T: 4006900926

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 HeLa cells using CoraLite®594 ALDH9A1 antibody (CL594-67372, Clone: 3C5C9) at dilution of 1:100.