

For Research Use Only

CoraLite®594-conjugated ALDH9A1 Monoclonal antibody

Catalog Number:CL594-67372



Basic Information

Catalog Number:

CL594-67372

Size:

100ul , Concentration: 1000 ug/ml by 223

Nanodrop;

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/ICC 1:50-1:500

Excitation/Emission maxima

wavelengths:

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

Human

Positive Controls:

IF/ICC : 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. 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

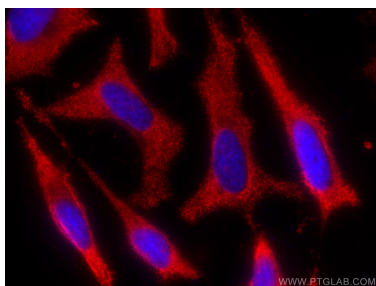
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
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



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using Coralite®594 ALDH9A1 antibody (CL594-67372, Clone: 3C5C9) at dilution of 1:100.