

CoraLite® Plus 488-conjugated ALDH9A1 Monoclonal antibody

Catalog Number: **CL488-67372**

Basic Information

Catalog Number:

CL488-67372

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/ICC 1:50-1:500

**Excitation/Emission maxima
wavelengths:**

493 nm / 522 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:

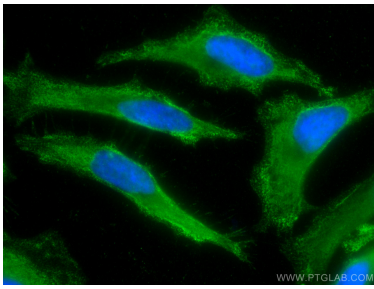
Store at -20°C. Avoid exposure to light.

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 (-20°C Ethanol)
fixed HeLa cells using Coralite® Plus 488
ALDH9A1 antibody (CL488-67372, Clone: 3C5C9)
at dilution of 1:100.