

CoraLite®594-conjugated ADC Monoclonal antibody

Catalog Number: **CL594-67884**

Basic Information

Catalog Number:

CL594-67884

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG31049

GenBank Accession Number:

BC028128

GeneID (NCBI):

113451

UNIPROT ID:

Q96A70

Full Name:

arginine decarboxylase

Calculated MW:

460 aa, 50 kDa

Observed MW:

48-50 kDa

Purification Method:

Protein G purification

CloneNo.:

1A2B11

Recommended Dilutions:

IF/ICC 1:50-1:500

**Excitation/Emission maxima
wavelengths:**

588 nm / 604 nm

Applications

Tested Applications:

IF/ICC, FC (Intra)

Species Specificity:

Human, mouse, pig, rat

Positive Controls:

IF/ICC : A431 cells,

Background Information

Antizyme inhibitor 2 (AZIN2) is a member of the antizyme inhibitor family, which is able to bind to AZs and inhibit their action on both ODC activity and polyamine uptake. AZIN2 is predominantly expressed in the brain and testis and localized in the endoplasmic reticulum-golgi intermediate compartment. Available data suggest its role in cell growth, spermiogenesis, vesicular trafficking and secretion. Accumulation of azin2 has also been observed in brains of patients with Alzheimer's disease (PMID: 19832840). AZIN2 has 5 described isoforms produced by alternative splicing. The molecular weight of AZIN2 is about 50 kDa.

Storage

Storage:

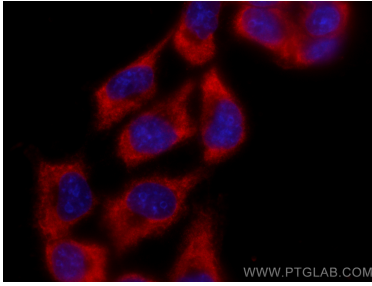
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

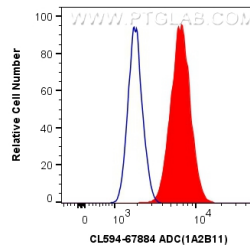
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed A431 cells using Coralite®594 ADC antibody (CL594-67884, Clone: 1A2B11) at dilution of 1:200.



1X10⁶ A431 cells were intracellularly stained with 0.4 ug Coralite®594 Anti-Human ADC (CL594-67884, Clone:1A2B11) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).