

For Research Use Only

CoraLite® Plus 488-conjugated SMARCA5 Recombinant antibody

Catalog Number: CL488-85019-3



Basic Information

Catalog Number:

CL488-85019-3

Concentration:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3759

GenBank Accession Number:

BC023144

GeneID (NCBI):

8467

UNIPROT ID:

O60264

Full Name:

SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5

Calculated MW:

1052 aa, 122 kDa

Observed MW:

135 kDa

Purification Method:

Protein A purification

CloneNo.:

242512A8

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

SMARCA5, also named as SNF2H or WCRF135, is a 1052 amino acid protein, which localizes in nucleus and is overexpressed in CD34-positive erythrocyte progenitor cells in acute myeloid leukemia. SMARCA5 is one of the most conserved chromatin remodeling factors. It exists in a variety of oligosubunit complexes that move DNA with respect to the histone octamer to generate regularly spaced nucleosomal arrays. Smarca5 interacts with different accessory proteins and represents a molecular motor for DNA replication, repair, and transcription.

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, pH7.3

Aliquoting is unnecessary for -20°C storage

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

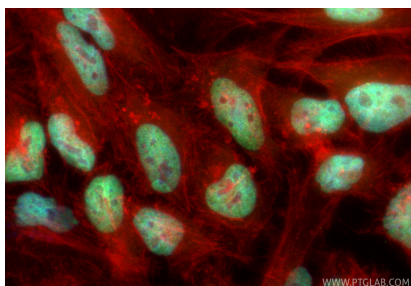
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using CoraLite® Plus 488 SMARCA5 antibody (CL488-85019-3, Clone: 242512A8) at dilution of 1:200, CL594-Phalloidin (red).