

For Research Use Only

CoraLite® Plus 488-conjugated SMARCA5 Recombinant antibody

Catalog Number: CL488-85019-3



Basic Information

Catalog Number: CL488-85019-3	GenBank Accession Number: BC023144	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 8467	CloneNo.: 242512A8
Source: Rabbit	UNIPROT ID: O60264	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily a, member 5	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG3759	Calculated MW: 1052 aa, 122 kDa	
	Observed MW: 135 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HeLa cells,
Species Specificity: human	

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.

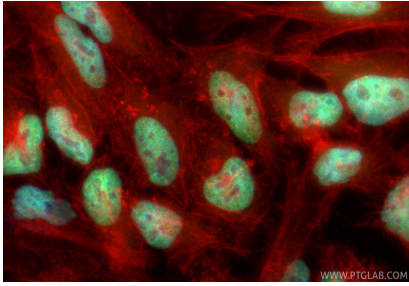
Storage

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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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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).