

For Research Use Only

CoraLite® Plus 488-conjugated SMARCC1 Recombinant monoclonal antibody

Catalog Number:**CL488-86015**



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-86015	BC050564	Protein A purification
Size:	GenID (NCBI):	CloneNo.:
100μl, Concentration: 1000 ug/ml by Nanodrop;	6599	250455A1
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	Q92922	IF/ICC: 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima
IgG	SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 1	wavelengths:
Immunogen Catalog Number:	Calculated MW:	493 nm / 522 nm
AG12109	1105 aa, 123 kDa	
	Observed MW:	
	155-160 kDa	

Applications

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

Background Information

SMARCC1, also named as SWI/SNF complex 155 kDa subunit or BAF155, is a 1105 amino acid protein, which belongs to the SMARCC family. SMARCC1 is expressed in brain, heart, muscle, placenta, lung, liver, muscle, kidney and pancreas. SMARCC1 is involved in transcriptional activation and repression of select genes by chromatin remodeling. SMARCC1 may stimulate the ATPase activity of the catalytic subunit of the complex. SMARCC1 belongs to the neural progenitors-specific chromatin remodeling complex (npBAF complex) and the neuron-specific chromatin remodeling complex (nBAF complex). The calculated molecular weight of TCEA1 is 123 kDa, but modified SMARCC1 is about 155-160 kDa. (PMID: 24025402)

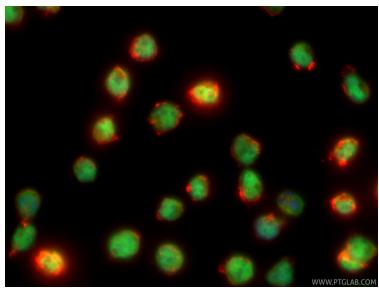
Storage

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
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 (4% PFA) fixed Jurkat cells using CoralLite® Plus 488 SMARCC1 antibody (CL488-86015, Clone: 250455A1) at dilution of 1:200, CL594-phalloidin (red).