

For Research Use Only

CoraLite® Plus 647-conjugated FOXG1 Recombinant monoclonal antibody

Catalog Number: CL647-85930



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL647-85930	BC035020	Protein A purification
Size:	GenID (NCBI):	CloneNo.:
1000 μl, Concentration: 1000 ug/ml by Nanodrop;	2290	250144E8
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	P55316	IF/ICC: 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima
IgG	forkhead box G1	wavelengths:
Immunogen Catalog Number:	Calculated MW:	654 nm / 674 nm
AG17169	489 aa, 52 kDa	
	Observed MW:	
	60 kDa	

Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC: U-251 cells, C6 cells
Species Specificity:	
human, mouse, rat	

Background Information

Forkhead Box G1 (FOXG1) is a member of the Forkhead family of genes with non-redundant roles in brain development, where alteration of this gene's expression significantly affects the formation and function of the mammalian cerebral cortex. FOXG1 haploinsufficiency in humans is associated with prominent differences in brain size and impaired intellectual development noticeable in early childhood, while homozygous mutations are typically fatal.

Storage

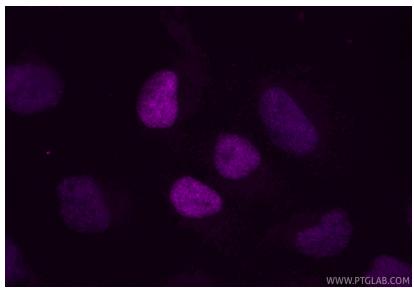
Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

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)

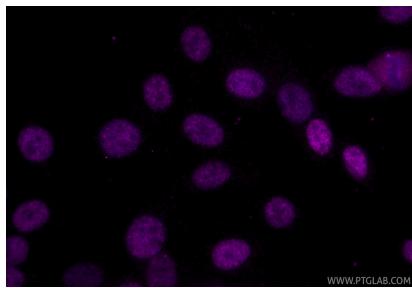
E: proteintech@ptglab.com
W: ptglab.com

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 U-251 cells using CoraLite® Plus 647 FOXG1 antibody (CL647-85930, Clone: 250144E8) at dilution of 1:200.



Immunofluorescent analysis of (4% PFA) fixed C6 cells using CoraLite® Plus 647 FOXG1 antibody (CL647-85930, Clone: 250144E8) at dilution of 1:200.