

For Research Use Only

CoraLite® Plus 647-conjugated PAX6 Polyclonal antibody



Catalog Number: CL647-12323

Featured Product

Basic Information

Catalog Number: CL647-12323	GenBank Accession Number: BC011953	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 5080	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Source: Rabbit	Full Name: paired box 6	
Isotype: IgG	Calculated MW: 47 kDa	
Immunogen Catalog Number: AG2984	Observed MW: 47 kDa	

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human, mouse, rat

Background Information

PAX6, a paired domain and homeodomain-containing transcription factor. Interaction with TRIM11 leads to ubiquitination of PAX6 and its proteasomal degradation. PAX6 is one of the earliest genes expressed in the eye field and considered a master control gene for retinal and eye development. PAX6 also regulates the development of the olfactory, central nervous systems, pituitary, and pancreas. PAX6 mutations can cause complex ocular disorders such as aniridia and Peter's anomaly.

Storage

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

Storage Buffer:
PBS with 0.09% sodium azide.

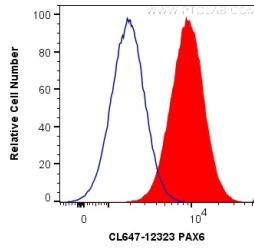
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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



1X10⁶ SH-SY5Y cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human PAX6 (CL647-12323) (red), or 0.2 ug CL647-30000 Rabbit IgG (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).