

For Research Use Only

# PE-conjugated PAX6 Recombinant antibody

Catalog Number: PE-84345-5



## Basic Information

<b>Catalog Number:</b> PE-84345-5	<b>GenBank Accession Number:</b> BC011953	<b>Purification Method:</b> Protein A purification
<b>Concentration:</b> 200 µg/ml	<b>GeneID (NCBI):</b> 5080	<b>CloneNo.:</b> 241521G1
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P26367	<b>Excitation/Emission maxima wavelengths:</b> 496 nm, 565 nm / 578 nm
<b>Isotype:</b> IgG	<b>Full Name:</b> paired box 6	
<b>Immunogen Catalog Number:</b> AG2984	<b>Calculated MW:</b> 47 kDa	
	<b>Observed MW:</b> 47 kDa	

## Applications

<b>Tested Applications:</b> FC (Intra)	<b>Positive Controls:</b> FC (Intra) : U-251 cells, HeLa cells
<b>Species Specificity:</b> human, mouse	

## 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 2-8°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

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

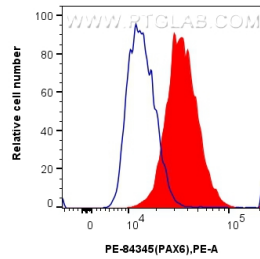
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## Selected Validation Data



1x10<sup>6</sup> U-251 cells were intracellularly stained with 5 ul PE Pax6 Recombinant Antibody (PE-84345-5, Clone:241521G1)(red), or PE Rabbit IgG Isotype Control RecAb (PE-98136, Clone: 240953C9) (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.