

## Anti-PRPH antibody [7C5] (STJA0003747)

STJA0003747

### GENERAL INFORMATION

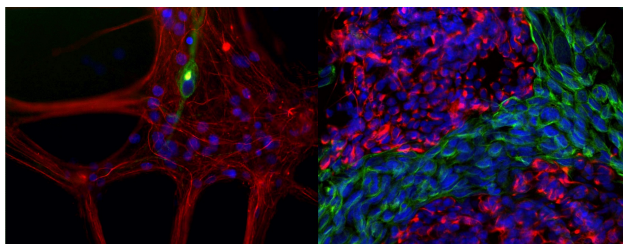
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-Peripherin is suitable for use in Western Blot, Immunohistochemistry and Immunocytochemistry research applications.
<b>Applications</b>	WB/IHC/ICC
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Mouse/Rat

### PRODUCT PROPERTIES

<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	7C5
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	This antibody was concentrated tissue culture from supernatant.
<b>Dilution Range</b>	WB 1:1000 IHC 1:200 ICC 1:200-1:500
<b>Formulation</b>	100 ul in PBS + 10 mM Sodium Azide.
<b>Isotype</b>	IgG1
<b>Storage</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
<b>Instruction</b>	

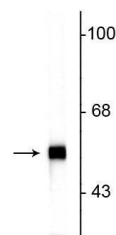
### TARGET INFORMATION

<b>Gene ID</b>	
<b>Gene Symbol</b>	<a href="#">Prph</a>
<b>Uniprot ID</b>	<a href="#">PER1_RAT</a>
<b>Immunogen</b>	Recombinant rat peripherin expressed in and purification from E. coli.
<b>Immunogen</b>	
<b>Region</b>	
<b>Specificity</b>	
<b>Immunogen</b>	
<b>Sequence</b>	



Immunostaining of cultured newborn rat neurons and glia showing peripherin (STJA0003747, green, 1:200) and neurofilament L (red). The nuclear DNA is stained blue.

Immunofluorescence of mixed fibroblasts and PC12 cells labeled with anti-peripherin (STJA0003747, red, 1:500) and anti-vimentin (STJA0003823, green, 1:10,000). The blue is Hoechst staining nuclear DNA. Peripherin is labeled in only the PC12 cells cytoplasmic filaments and vimentin is only labeled in the fibroblasts intermediate filaments where peripherin is not present.



Western blot of rat cerebellar lysate showing specific immunolabeling of the ~57 kDa peripherin protein.