

### 34-1101: Monoclonal Antibody to Peripherin (Clone: 7C5)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	7C5
<b>Application :</b>	WB, IF/ICC, IHC of rodent tissue
<b>Reactivity :</b>	Rat, Mouse, not Human, Pig, Cow
<b>Gene :</b>	PRPH
<b>Gene ID :</b>	5630
<b>Uniprot ID :</b>	P41219
<b>Format :</b>	T.C. Sup.
<b>Alternative Name :</b>	Neurofilament 4
<b>Isotype :</b>	Mouse, IgG1
<b>Immunogen Information :</b>	Recombinant rat peripherin purified from E. coli

#### Product Info

<b>Amount :</b>	50 µl / 500 µl
<b>Content :</b>	Antibody is supplied as an aliquot of concentrated tissue culture supernatant.
<b>Storage condition :</b>	Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid repeated freeze and thaw cycles.

#### Application Note

WB: 1:1,000. IF/ICC and IHC: 1:200

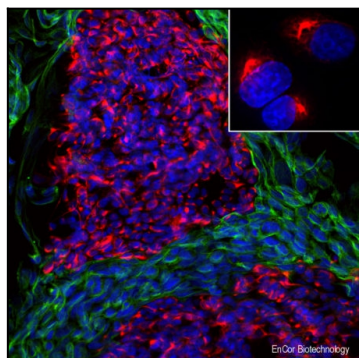


Figure-1: Immunofluorescent analysis of mixed fibroblast and rat pheochromocytoma PC12 cell culture stained with mouse mAb to peripherin, (34-1101), dilution 1:500 in red, and costained with chicken pAb to vimentin,(34-1126), dilution 1:10,000, in green. The blue is Hoechst staining of nuclear DNA. The (34-1101) antibody reveals cytoplasmic filamentous staining in the small PC12 cells, while vimentin antibody stains intermediate filaments in the surrounding fibroblastic cells which do not express peripherin.