

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

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

Product Info

Amount :	50 µl / 500 µl
Content :	Antibody is supplied as an aliquot of concentrated tissue culture supernatant.
Storage condition :	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

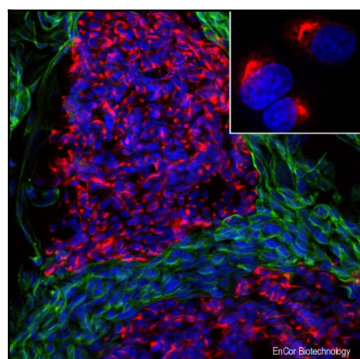


Figure-1: Immunofluorescent analysis of mixed fibroblast and rat pheochromocytoma PC12 cell culture stained with mouse mAb to peripherin, (34-1101), dilution 1:500 in red, and costained with chicken pAb to vimentin, (34-1126), dilution 1:10,000, in green. The blue is Hoechst staining of nuclear DNA. 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.