



Catalog Number:	MO22144	Host:	Mouse
Product Type:	Monoclonal Affinity Purified Antibody	Species Reactivity:	Human, rat, mouse
Immunogen Sequence:	Full length human recombinant protein. HGNC name: CNP UniProtKB - P09543 (CN37_HUMAN)	Format:	Liquid, 100 ul aliquot Concentration: 1 mg/ml
Applications:	Immunofluorescence/Immunohistochemistry: 1:1000-5,000 Western Blot: 1:5,000-20,000		

Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.

Storage: Antibody can also be aliquoted and stored frozen at -20° C to -70° C in a manual defrost freezer for six months without detectable loss of activity. The antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. Avoid repeated freeze-thaw cycles.

Application Notes

Description/Data:

Image: Mixed neuron-glia cell cultures stained with MO22144 (red) and our polyclonal antibody against GFAP (green, RA22101). The antibody to CNP stains strongly in oligodendrocytes, whereas GFAP labels only the intermediate filaments in astrocytes. Blue is DNA staining.

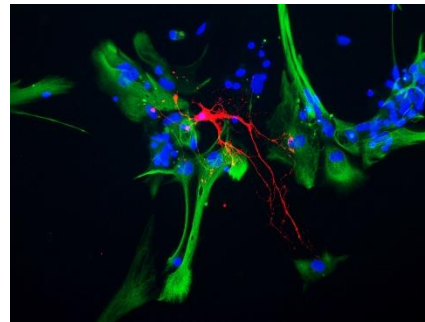
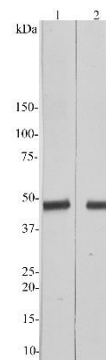


Image: Blots of rat brain tissue homogenates probed with MO22144 at 1:5,000 (lane 1) and 1:20,000 (lane 2). The antibody binds strongly and cleanly to a band at ~48kDa.



FOR RESEARCH USE ONLY

NEUROMICS' REAGENTS ARE FOR IN VITRO AND CERTAIN NON-HUMAN IN VIVO EXPERIMENTAL USE ONLY AND NOT INTENDED FOR USE IN ANY HUMAN CLINICAL INVESTIGATION, DIAGNOSIS, PROGNOSIS, OR TREATMENT. THE ABOVE ANALYSES ARE MERELY TYPICAL GUIDES. THEY ARE NOT TO BE CONSTRUED AS BEING SPECIFICATIONS. ALL OF THE ABOVE INFORMATION IS, TO THE BEST OF OUR KNOWLEDGE, TRUE AND ACCURATE. HOWEVER, SINCE THE CONDITIONS OF USE ARE BEYOND OUR CONTROL, ALL RECOMMENDATIONS OR SUGGESTIONS ARE MADE WITHOUT GUARANTEE, EXPRESS OR IMPLIED, ON OUR PART. WE DISCLAIM ALL LIABILITY IN CONNECTION WITH THE USE OF THE INFORMATION CONTAINED HEREIN OR OTHERWISE, AND ALL SUCH RISKS ARE ASSUMED BY THE USER. WE FURTHER EXPRESSLY DISCLAIM ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.-V2/08/2012
