



**Figure e-2. Reactivity of other anti-Purkinje cell autoantibodies was not abolished by pre-incubation with recombinant RGS8.**

Sera (1:32 green) were pre-incubated with 1:10 diluted extracts of HEK293 cells transfected with RGS8 or with empty vector as control. The extract containing RGS8 abolished the immune reaction of anti-RGS8 positive patient sera, whereas anti-Yo, anti-DNER and anti-NCDN reactivity was not affected. Nuclei were counterstained by incubation with TO-PRO-3 iodide (blue) (scale bar 100  $\mu$ m).