Orthogonal validation of elevated C5, IgA and IgM by western blot. (A) Recombinant C5 and C5a (See Methods) were detectable by SDS-PAGE and western blotting with a commercial antibodies to C5. A silver stain of an equivalent SDS-PAGE gel is provided to show migration patterns of recombinant C5/C5a proteins. (B-C) Complement C5 in CSF from PACNS and NIC individuals was analyzed using SDS-PAGE and immunoblotting with a C5 antibody [ab11876] validated in panel A. Five micrograms of total protein loaded per lane. (D-E) CSF samples were prepared as in (B,C) and immunobotted with commercial antibodies to human IgM and IgA and IgG. Protein marker denoted by M. ** Patient not included in study.