Bone Marrow Plasma Cells Are a Primary Source of Serum HIV-1-Specific Antibodies in Chronically Infected Individuals.

Several potent and broadly neutralizing Abs to HIV-1 have been isolated recently from peripheral blood B cells of patients with advanced AIDS. Although these Abs are usually considered to be of peripheral blood origin, bone marrow plasma cells remain a primary source for circulating HIV-1-specific Abs in HIV-1-infected individuals.