



Lymphoblasts. Note the nearly symmetrical large lymphoblasts with large nucleoli and blocks of chromatin along nuclear membranes. Nuclei are moderately irregular in shape. These cells also have ample cytoplasm containing a few mitochondria and strands of nondilated rough endoplasmic reticulum. Polyribosomes fill the remainder of the cytoplasm in these lymphoblasts in a gastric biopsy of a 72-year-old man with a primary B-cell immunoblastic lymphoma of the stomach associated with monoclonal IgM λ chains. (Courtesy of Ann M. Dvorak, MD, Department of Pathology, Beth Israel Hospital, Harvard Medical School, Boston, MA 02215.)