



**Fig. 2.** Biopsy specimen of the gingival myeloid sarcoma: **A** dense diffuse infiltration of the lamina propria with blasts (hematoxylin-eosin,  $\times 40$ ); **B** large neoplastic cells with round or oval nuclei, dispersed chromatin, and one or more prominent nucleoli (Giemsa,  $\times 400$ ); **C** immunoperoxidase staining for CD117 showing a positive reaction in a large number of blasts (anti-CD117,  $\times 400$ ); **D** immunoperoxidase staining for CD68 showing a positive reaction in the population of monoblasts (anti-CD68,  $\times 400$ ); **E** immunoperoxidase staining for Ki-67 (anti Ki-67  $\times 400$ ).