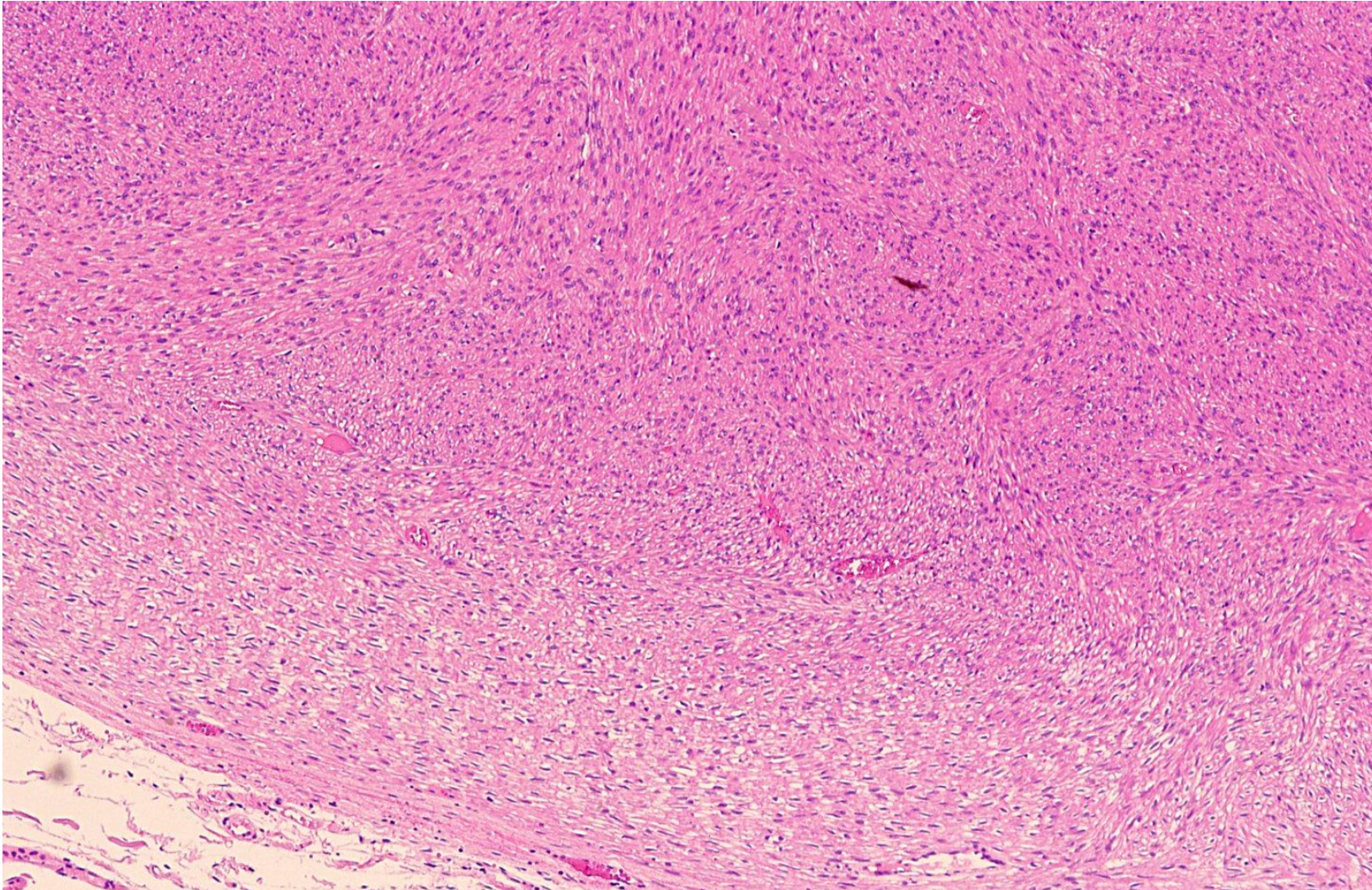


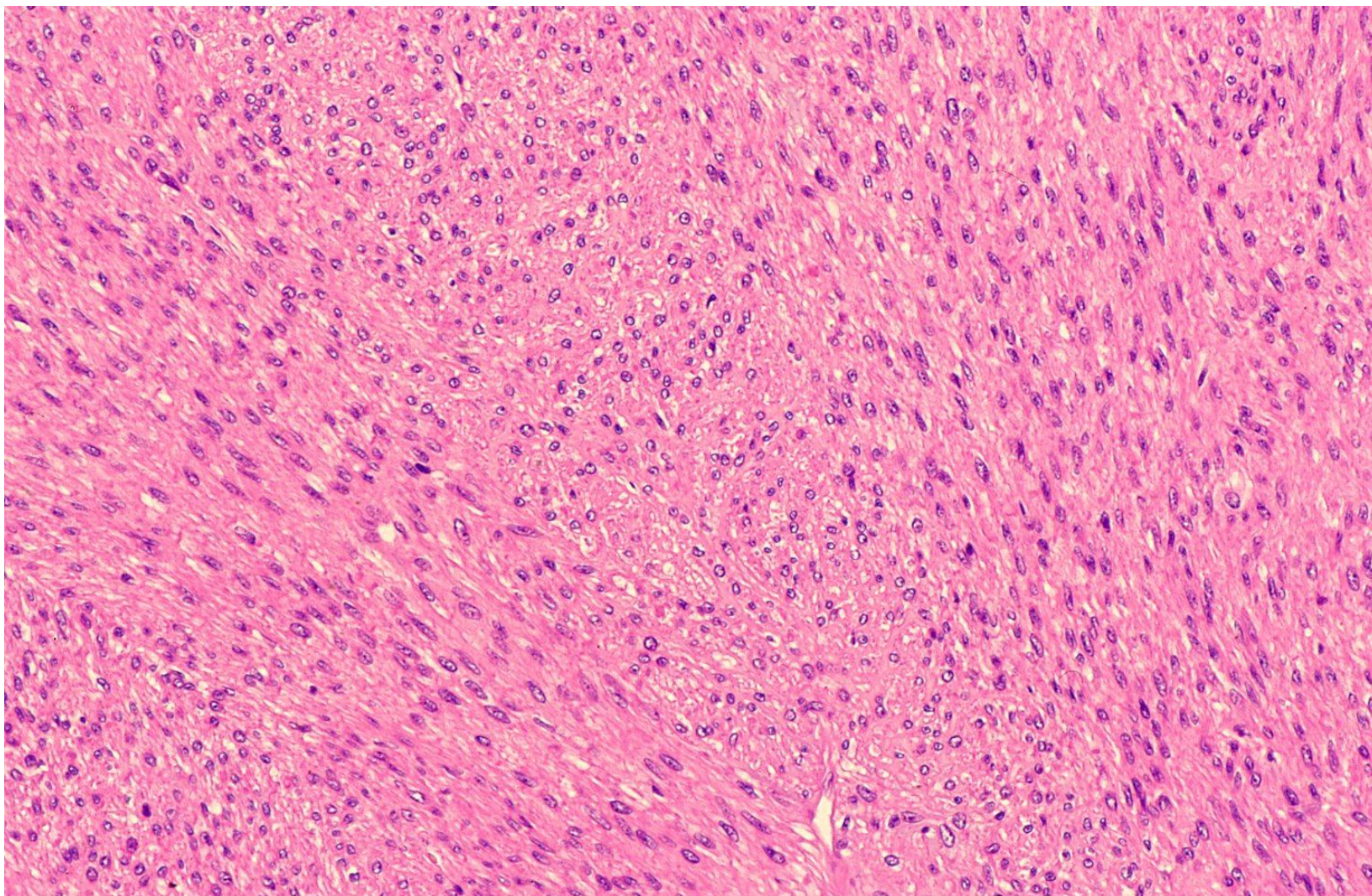
Gastric leiomyoma

Leiomyoma is common in the gastrointestinal tract, except for the stomach. Endoscopic evaluation disclosed a 3 cm-sized submucosal mass in the proximal body of the stomach of a female patient aged 40's. Laparoscopic wedge resection of the stomach was performed under clinical suspicion of gastrointestinal stromal tumor (GIST). Microscopically, the well-demarcated solid tumor of proper muscle layer origin shows the growth of monomorphous bland spindle cells. Immunohistochemically, the tumor cells are diffusely reactive for desmin and SMA. CD34 and c-kit (CD117) and S-100 protein are scarcely expressed. The immunoprofile supported the diagnosis of gastric leiomyoma. The possibility of GIST and neurinoma can be excluded.

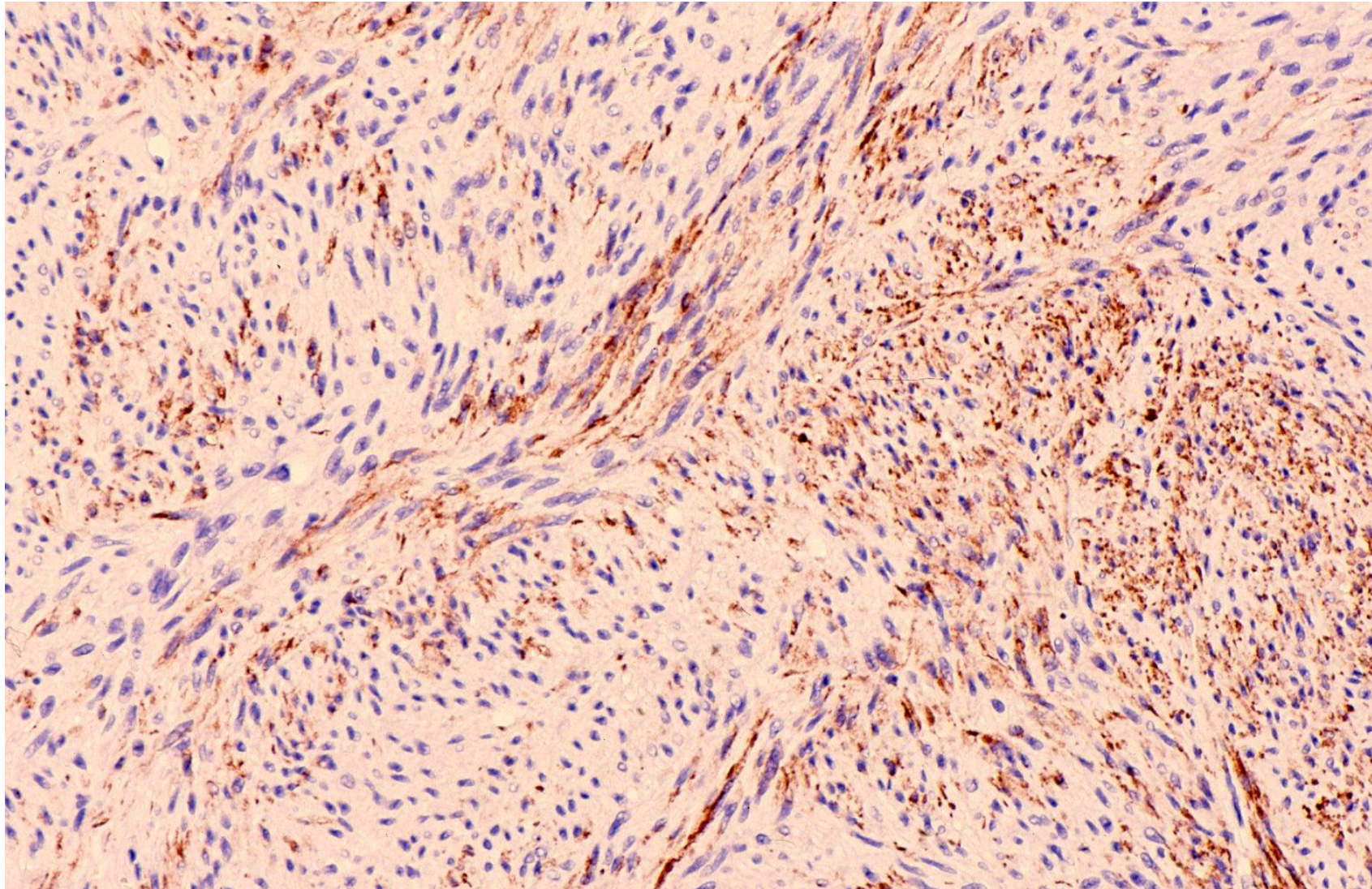
Ref.: Nigam N, et al. Gastric leiomyoma: a case report. Am J Gastroenterol 2013; 108: S226.



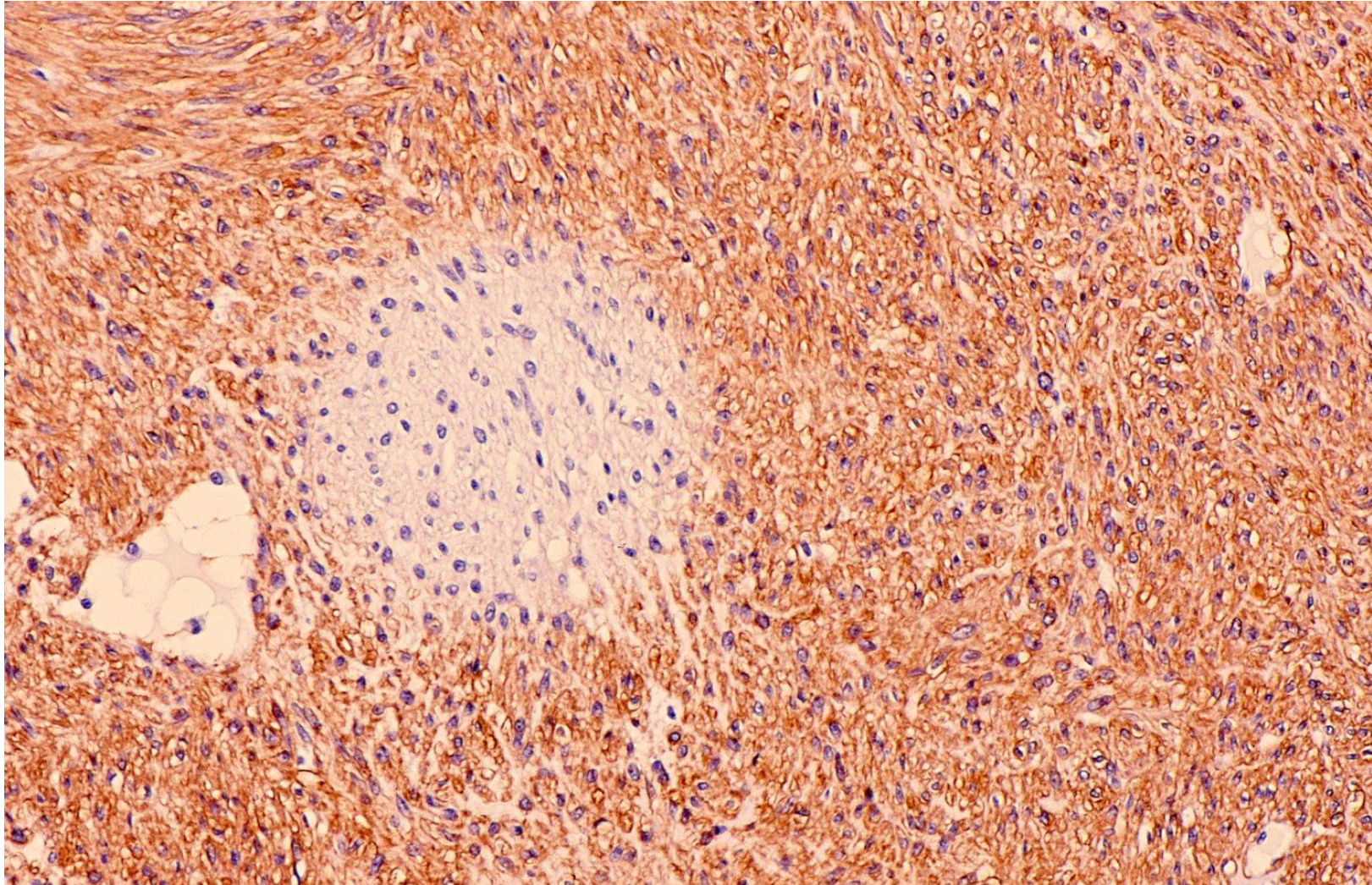
Leiomyoma of the stomach of a female patient aged 40's. The wedge-resected demarcated tumor shows monomorphous growth of bland spindle cells. Neither atypia nor necrosis is seen. H&E-1



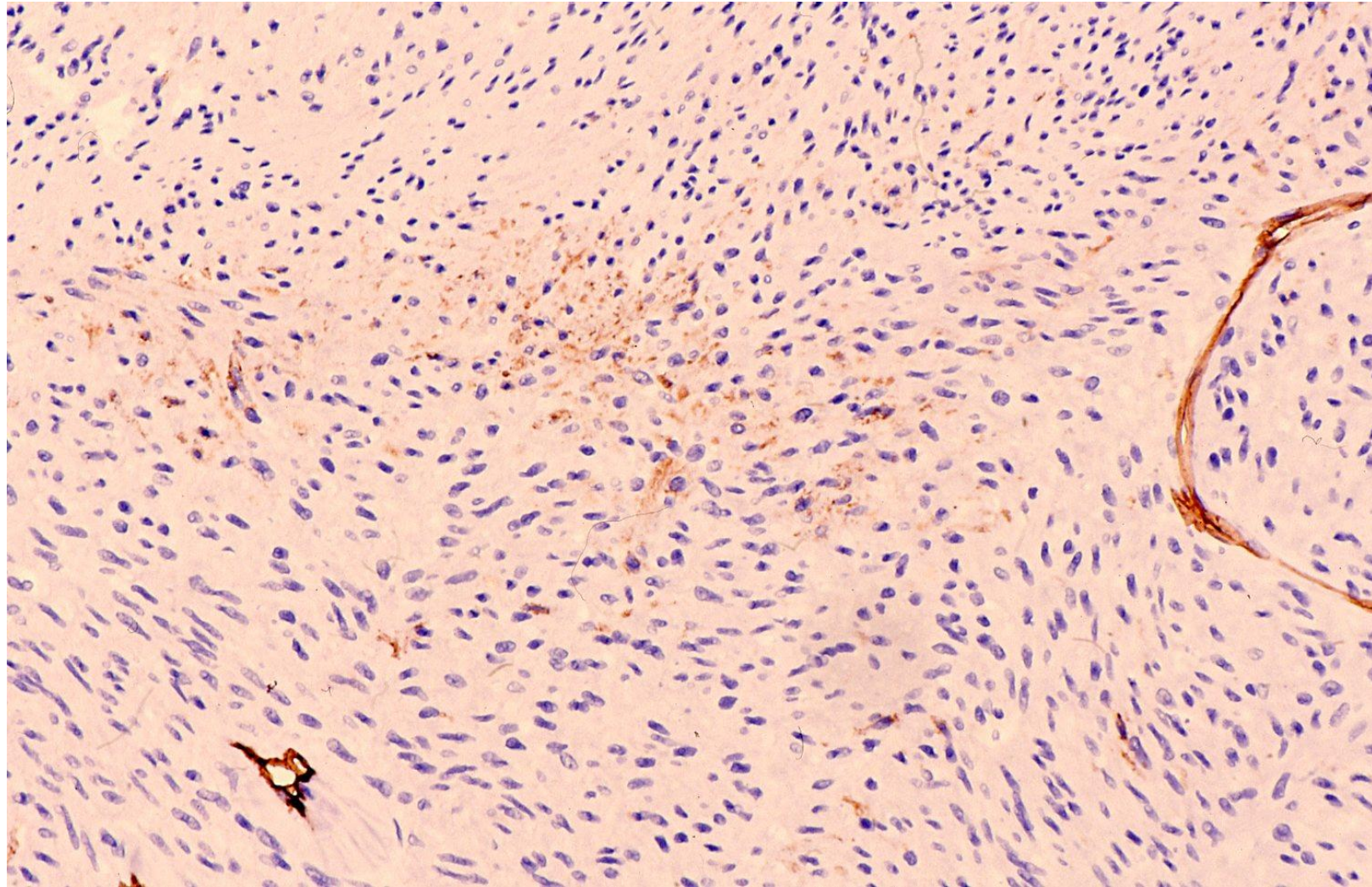
Leiomyoma of the stomach of a female patient aged 40's. The wedge-resected demarcated tumor shows monomorphous growth of interlacing bundles of bland spindle cells. Neither atypia nor necrosis is seen. H&E-2



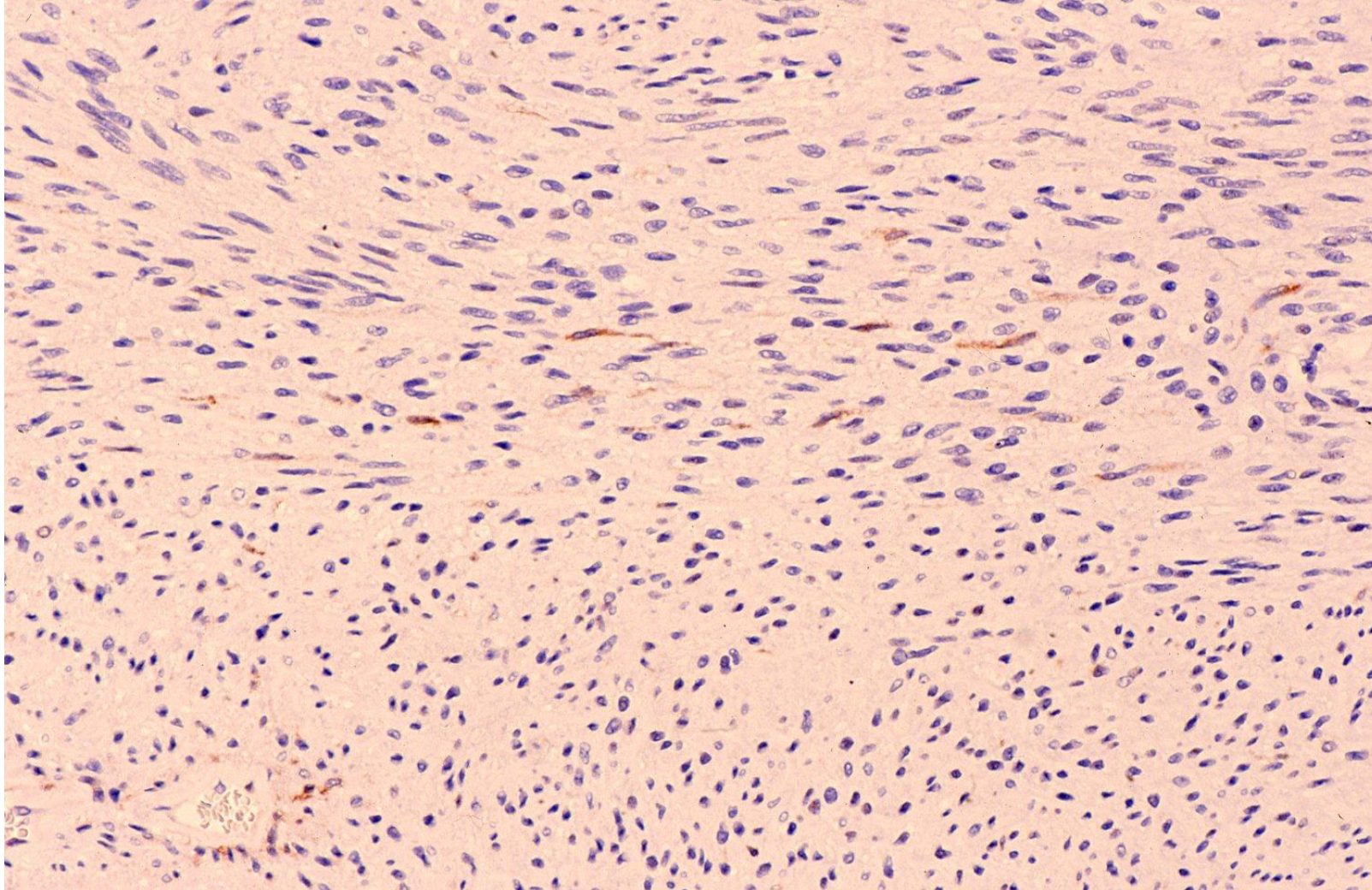
Leiomyoma of the stomach of a female patient aged 40's. The wedge-resected demarcated tumor shows monomorphous growth of bland spindle cells. Desmin immunoreactivity is demonstrated. Immunostaining for desmin



Leiomyoma of the stomach of a female patient aged 40's. The wedge-resected demarcated tumor shows monomorphous growth of bland spindle cells. SMA immunoreactivity is demonstrated. Immunostaining for SMA



Leiomyoma of the stomach of a female patient aged 40's. The wedge-resected demarcated tumor shows monomorphous growth of bland spindle cells. CD34 immunoreactivity is scarcely demonstrated. Vascular endothelial cells are strongly CD34-positive. Immunostaining for CD34



Leiomyoma of the stomach of a female patient aged 40's. The wedge-resected demarcated tumor shows monomorphous growth of bland spindle cells. CD117 (c-kit) immunoreactivity is scarcely demonstrated. Immunostaining for CD117 (c-kit)