

Question 17 – Week of October 25

Which of these cells are not found in the crypts of Lieberkuhn?

- A. Absorptive cells
- B. Goblet cells
- C. Paneth cells
- D. Chief cells
- E. Enteroendocrine cells

Answer: D

Crypts of Lieberkuhn are tubular glands that extend into the muscularis propria and are found in the small intestine. Absorptive, goblet, Paneth, and enteroendocrine cells are all found in the crypts of Lieberkuhn. Goblet cells and enteroendocrine cells are mainly in the upper part of the crypt while Paneth and columnar cells predominate in the base of the crypt. Above the base are absorptive cells and oligomucin cells. Chief cells are located in the antrum of the stomach.

Reference:

Feldman: Sleisenger & Fordtran's Gastrointestinal and Liver Disease, 8th ed.