|  |  |  |  |
| --- | --- | --- | --- |
| **Parts of the GIT** | **Type of epithelium** | **Main cell types of epithelium** | **Other distinctive features** |
| Other distinctive features | Stratified squamous | Squamous cells Serous Cells Mucous cells | Tongue has special papillae: fungiform, circumvallate and filiform |
| Body/fundus of  stomach | Glandular columnar-straight tubular | Surface mucous cells Parietal Cells Chief peptic cells | Lymphoid cells with no lymphoid aggregates |
| Pylorus and  cardia of  stomach | Glandular columnar-coiled branched tubular | Mucous cells Occasional parietal cells | Lymphoid cells with no lymphoid aggregates |
| Duodenum | Glandular-columnar with villi and crypts of liberkuhn | Enterocyte with microvilli Goblet cells | Brunner’s gland Plicae circularis (distal duodenum) |
| Esophagus | Stratified squamous | Squamous cells | Submucosal glands |
| Jejunum and  ileum | Glandular-columnar with villi and crypts of liberkuhn | Goblet cells Paneth cells | Peyer’s patches become more prominent distally Plicae circularis |
| Colon and  rectum | Glandular-straight crypts | Absorptive cells Goblet cells | Prominent lymphoid tissue |