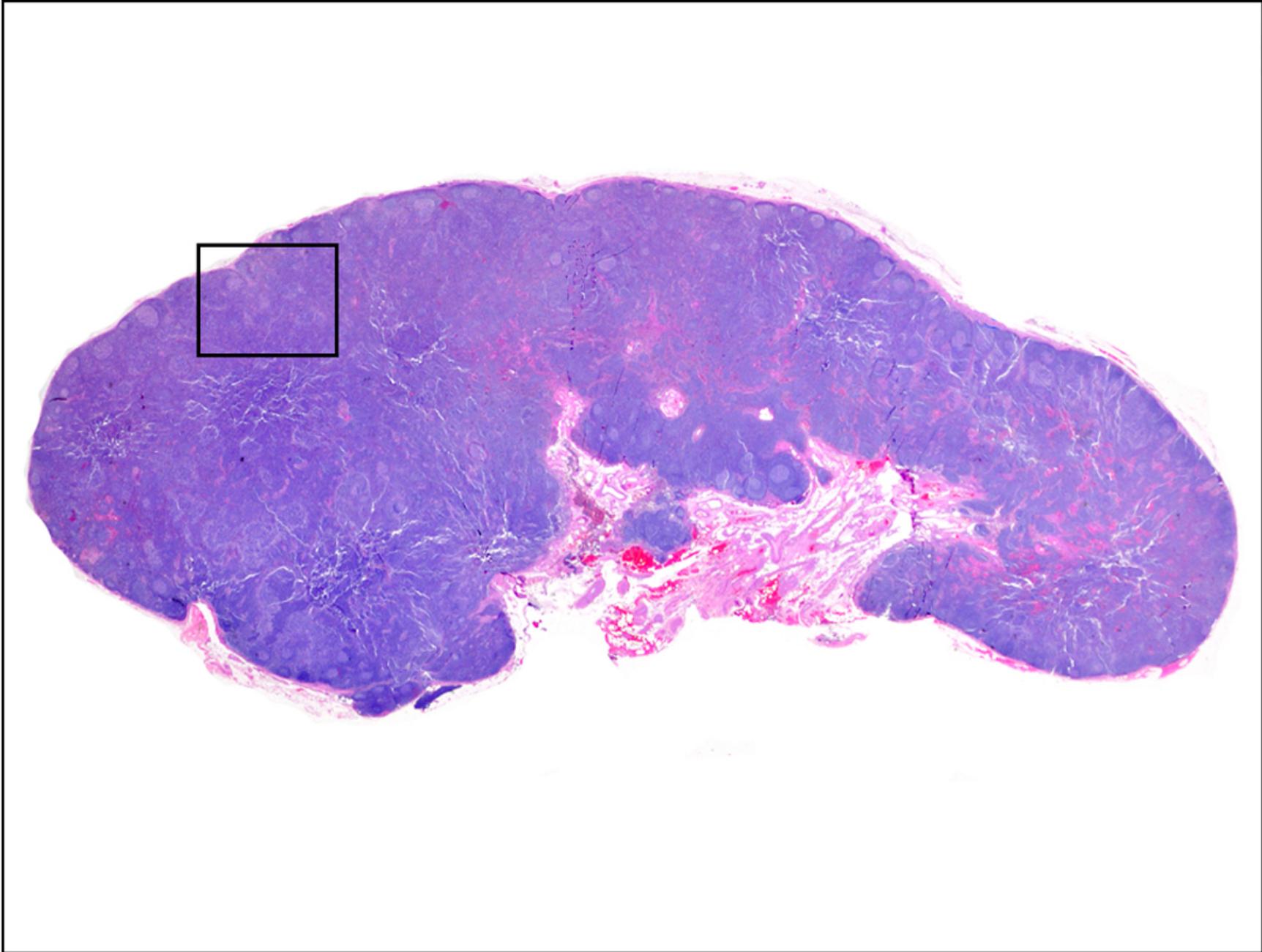
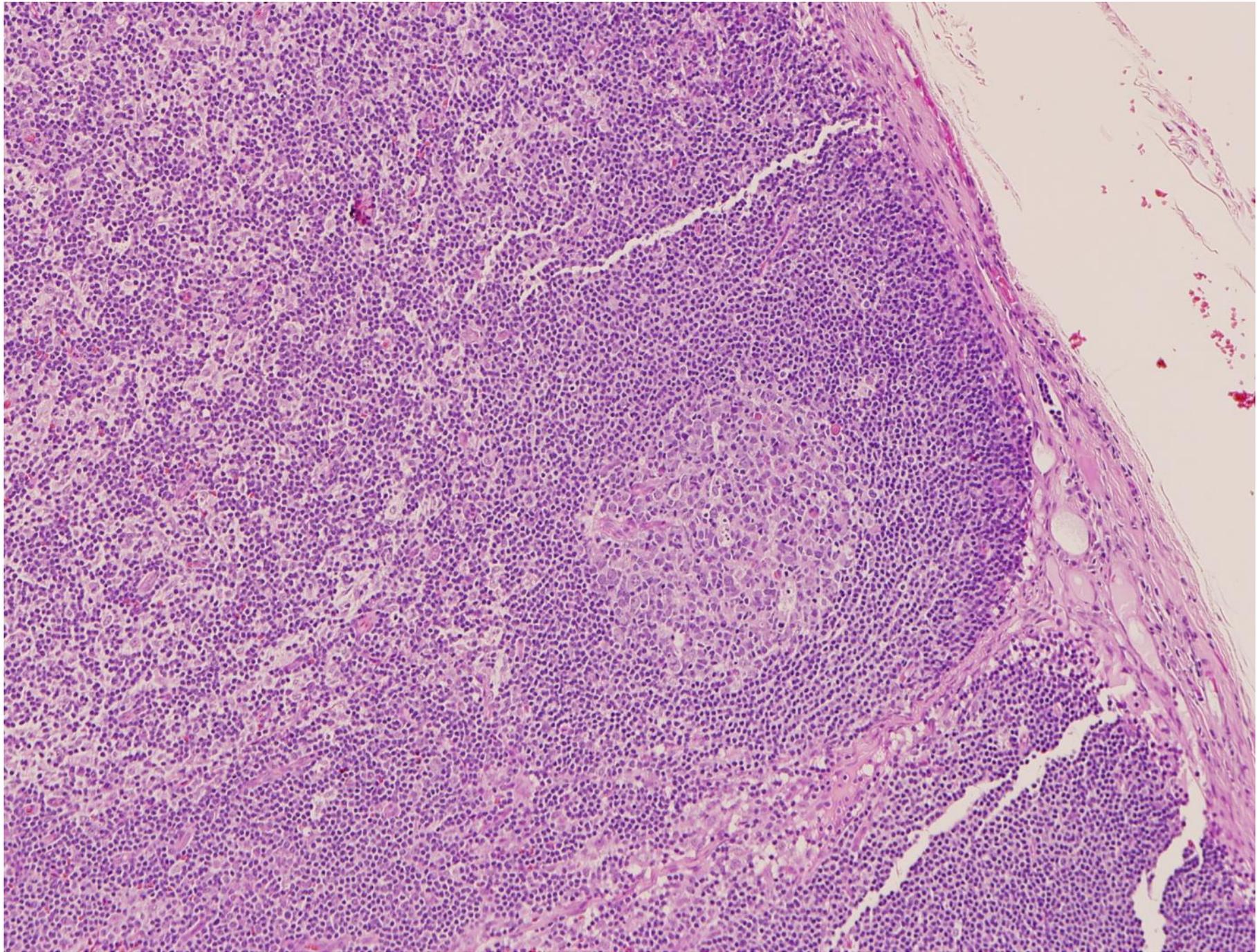
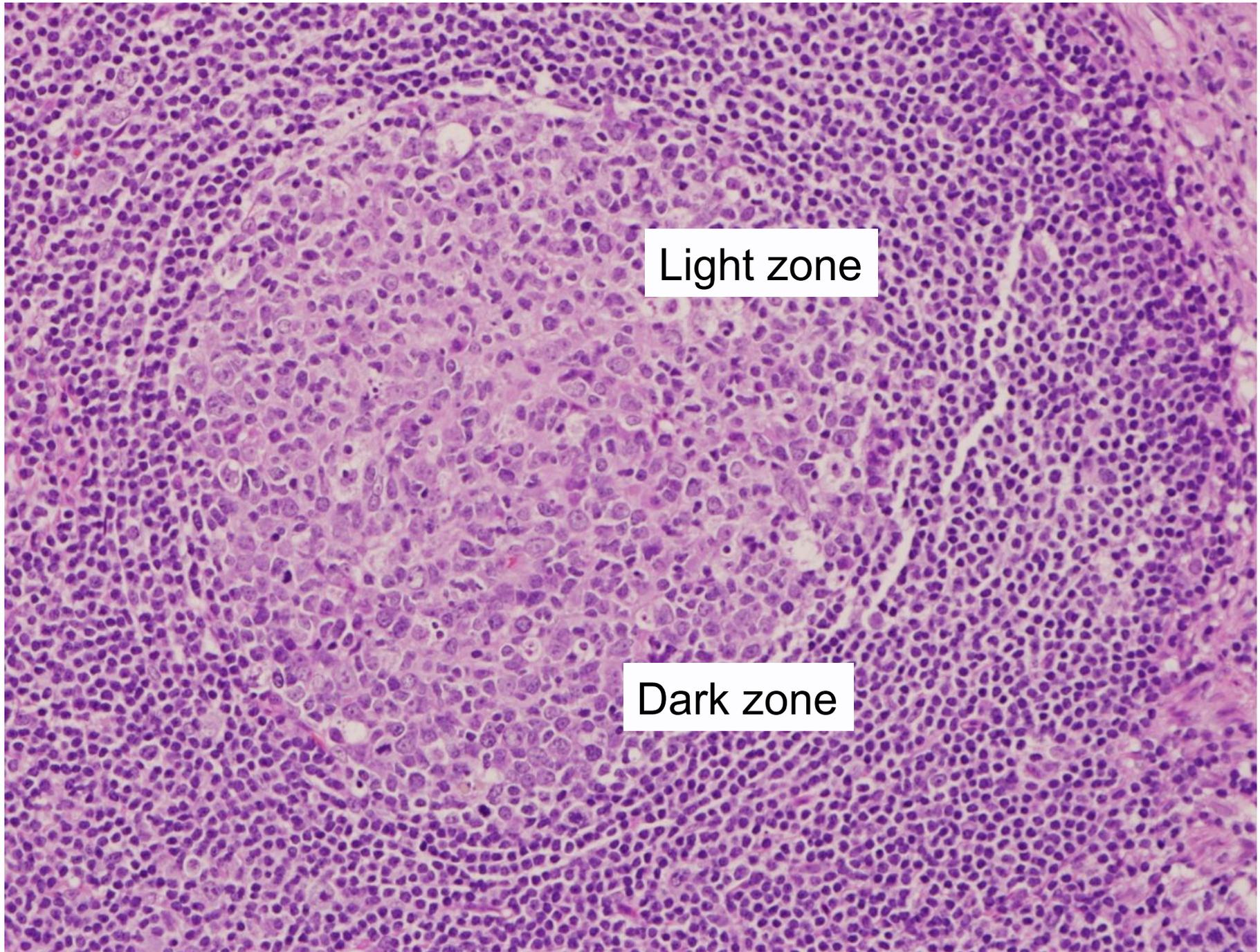


## Case 3

- A 63 year old female was found to have an enlarged cervical lymph node during carotid endarterectomy. Further clinical evaluation showed no evidence of lymphoma. Bone marrow examination was negative.



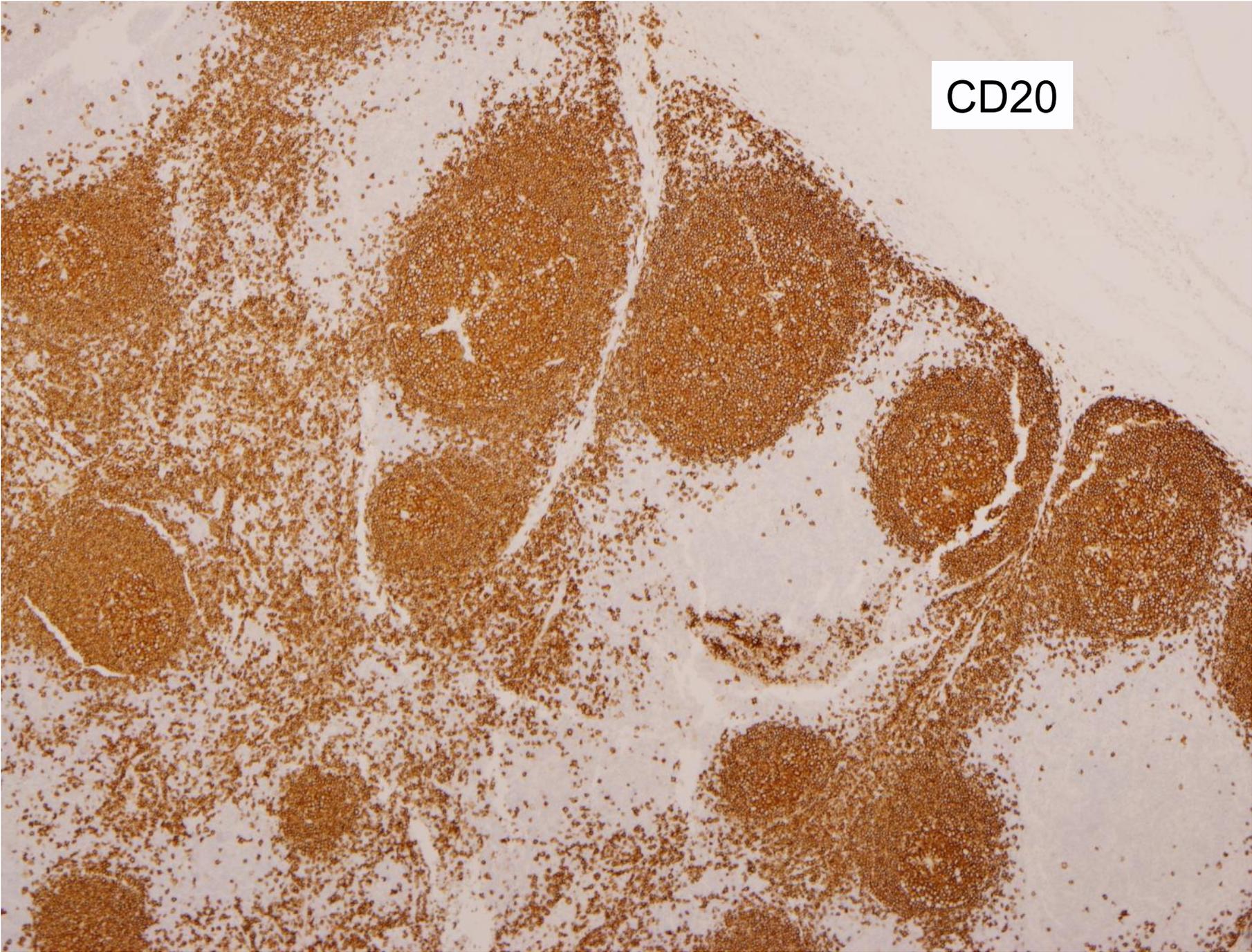


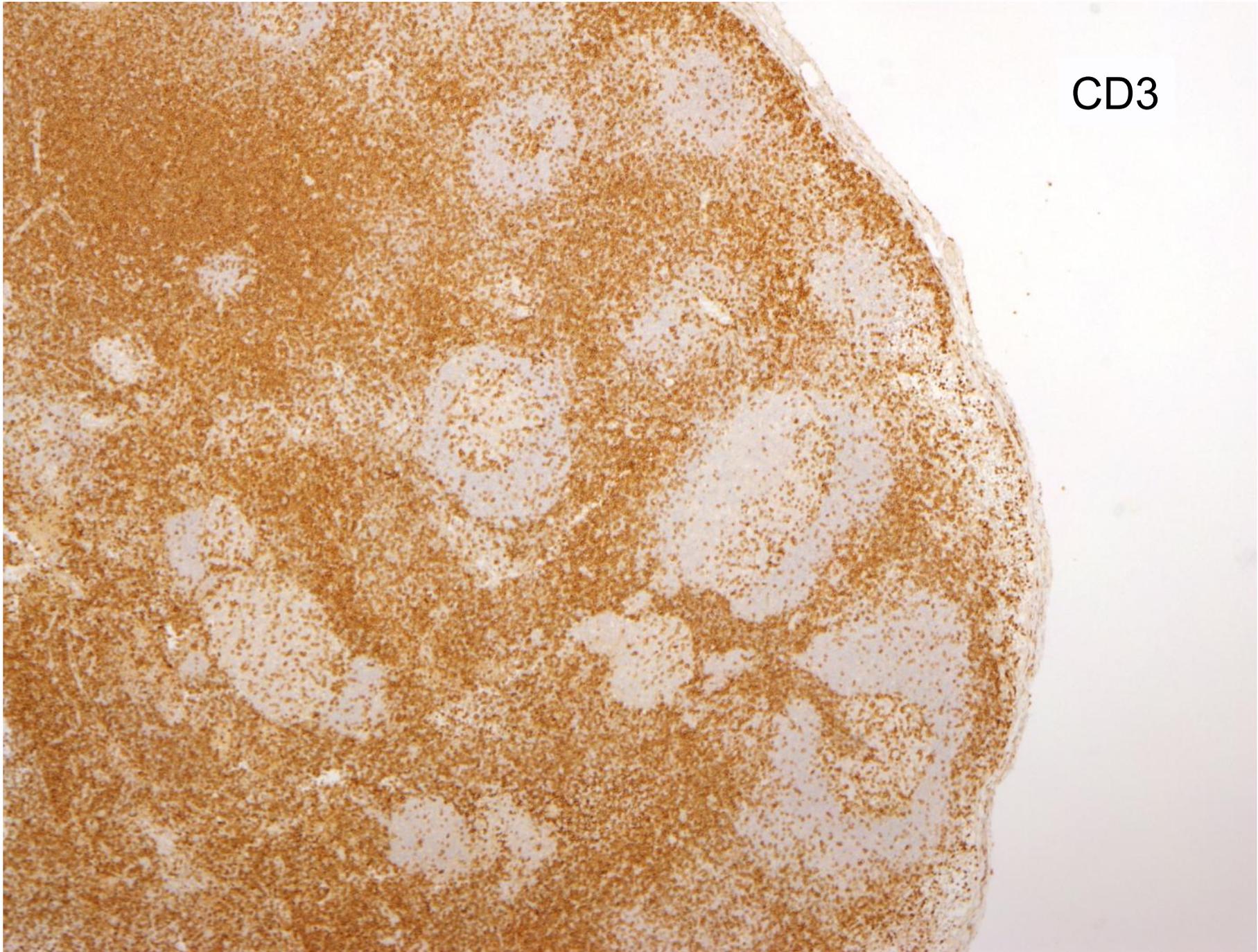


Light zone

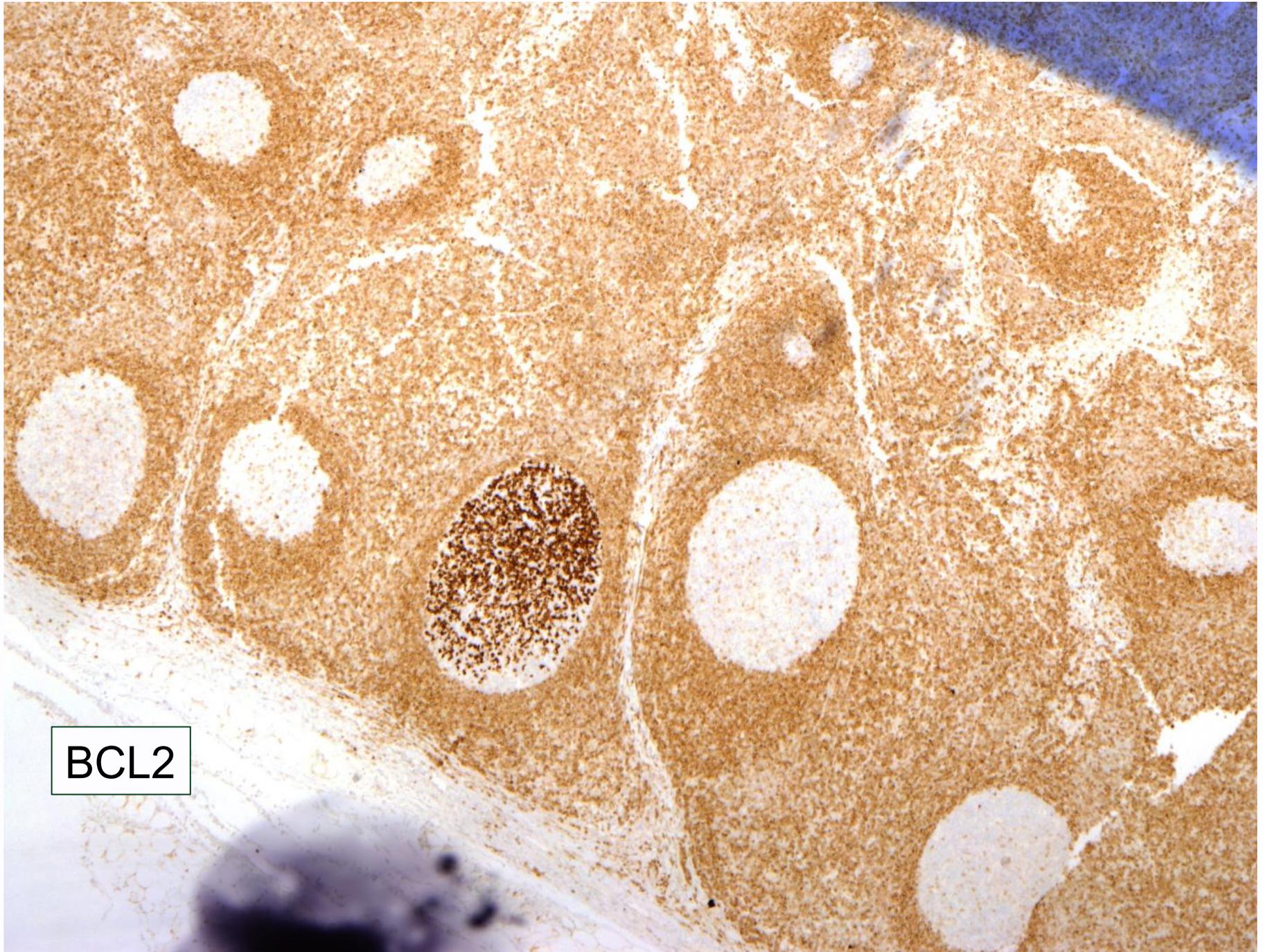
Dark zone

CD20



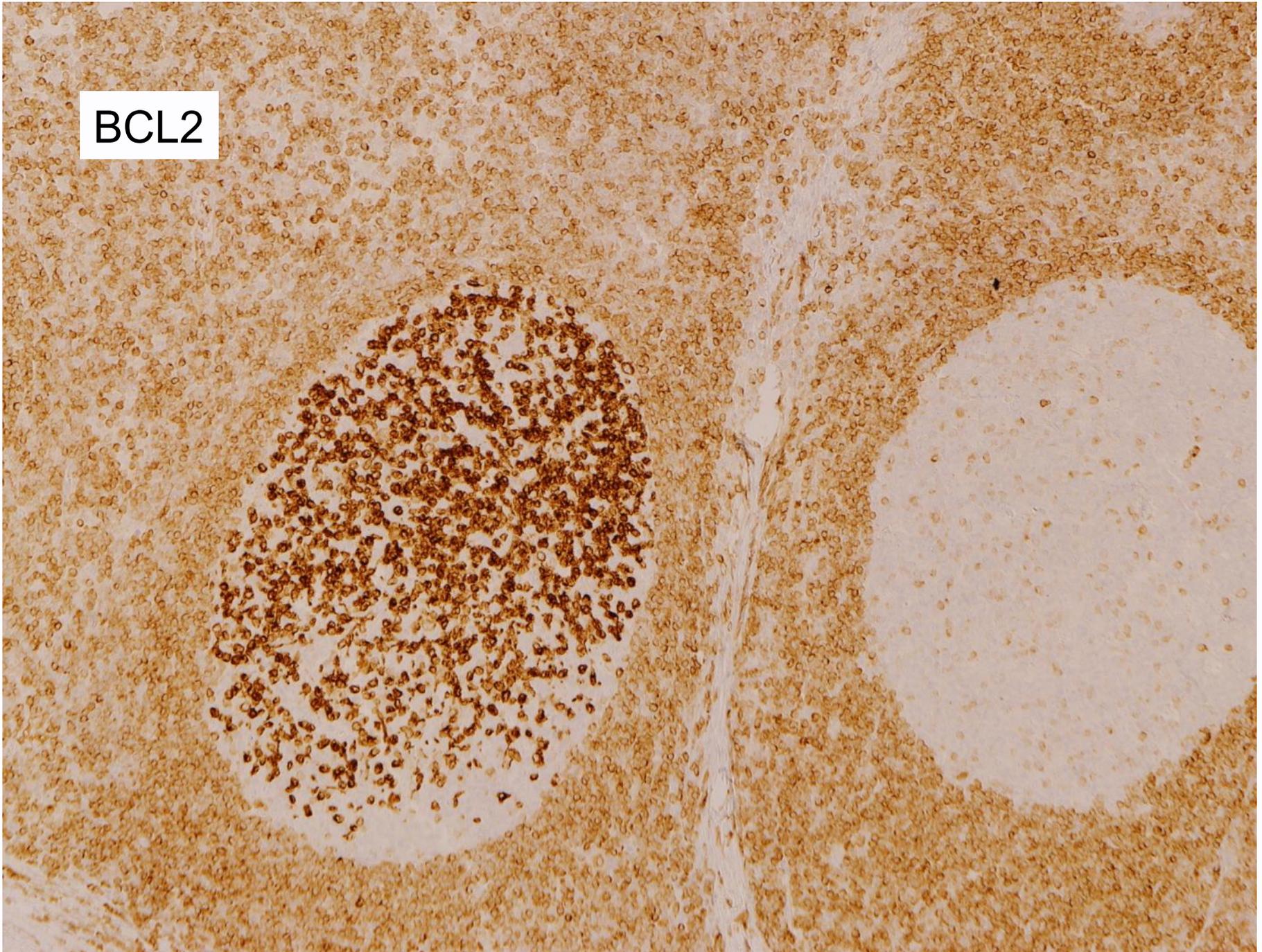


CD3

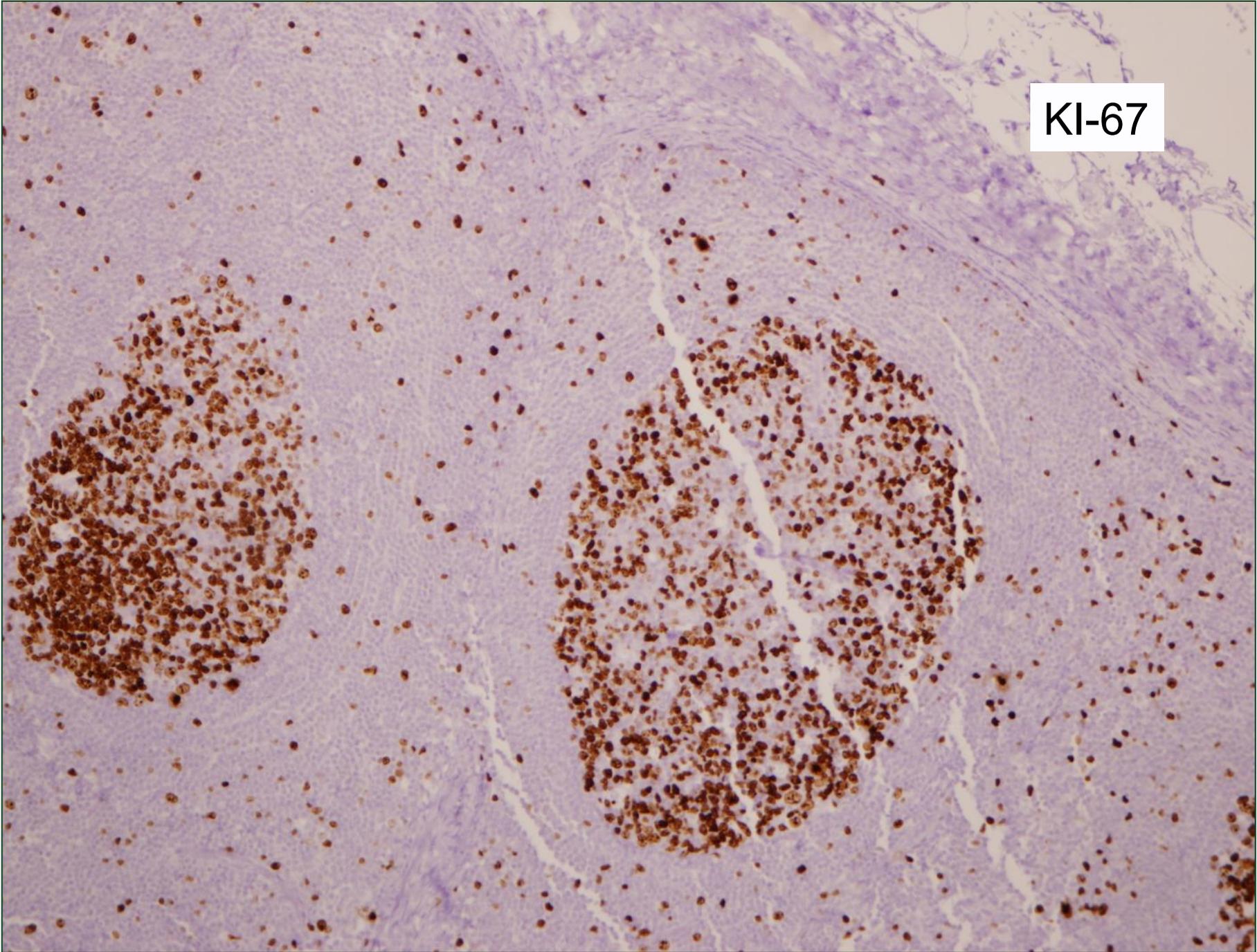


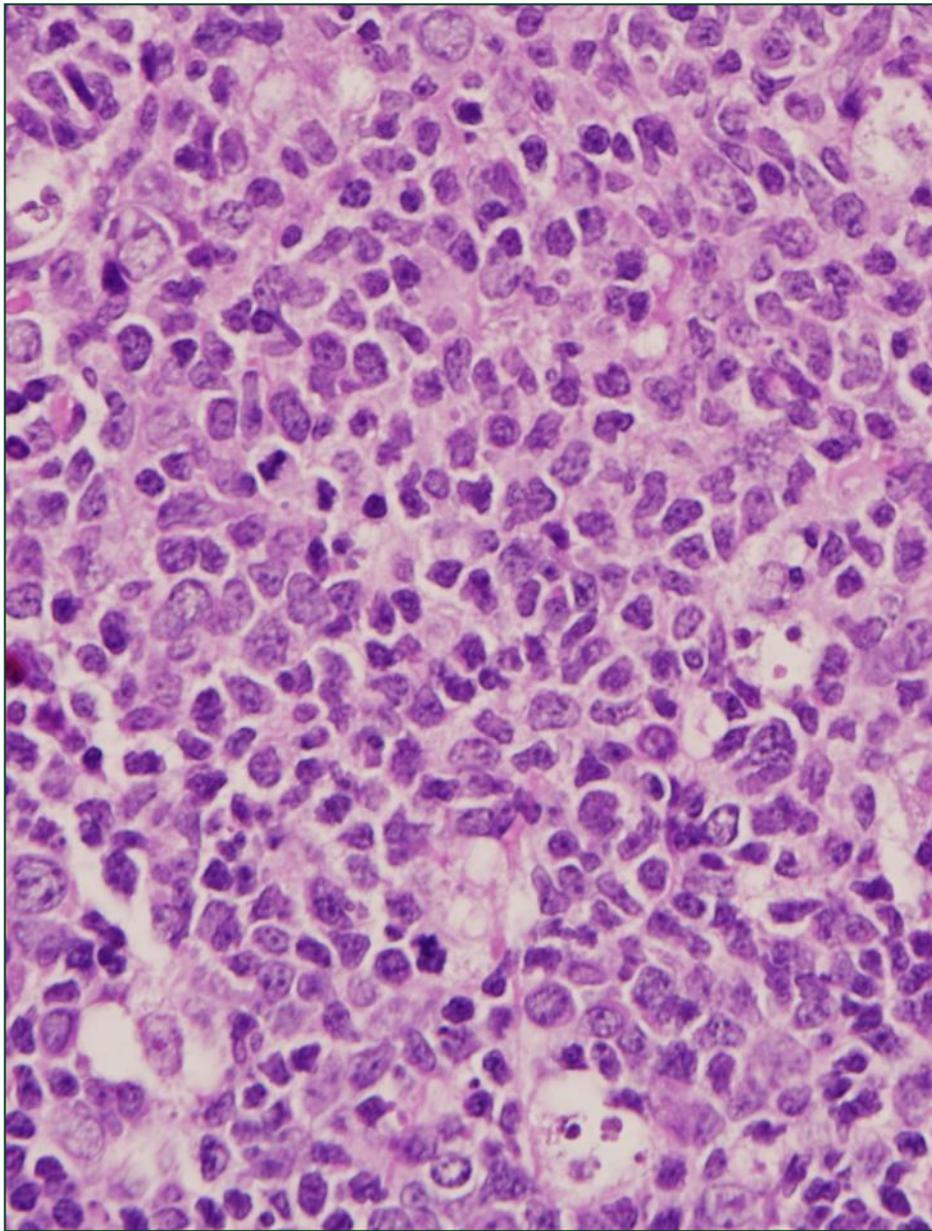
BCL2

BCL2

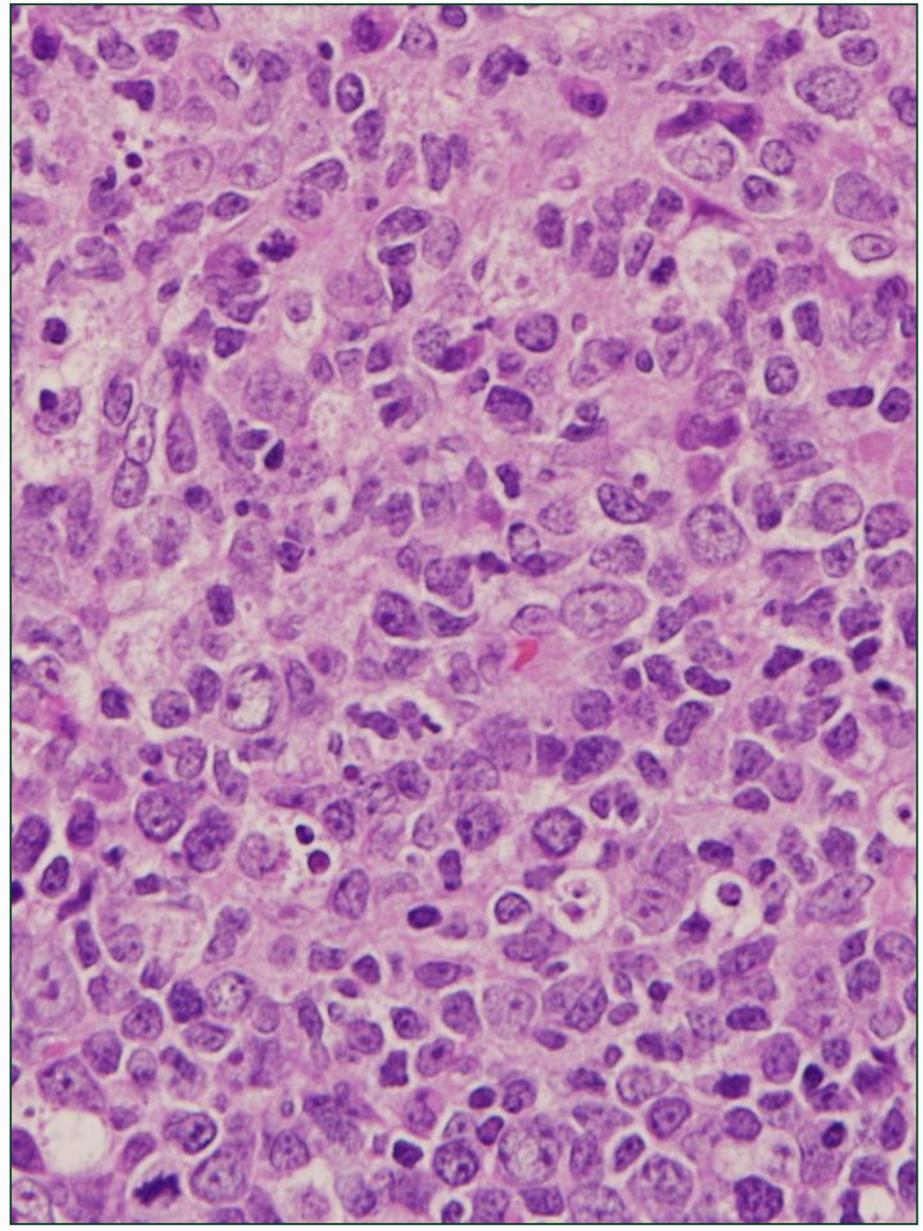


KI-67





FLIS



Reactive GC

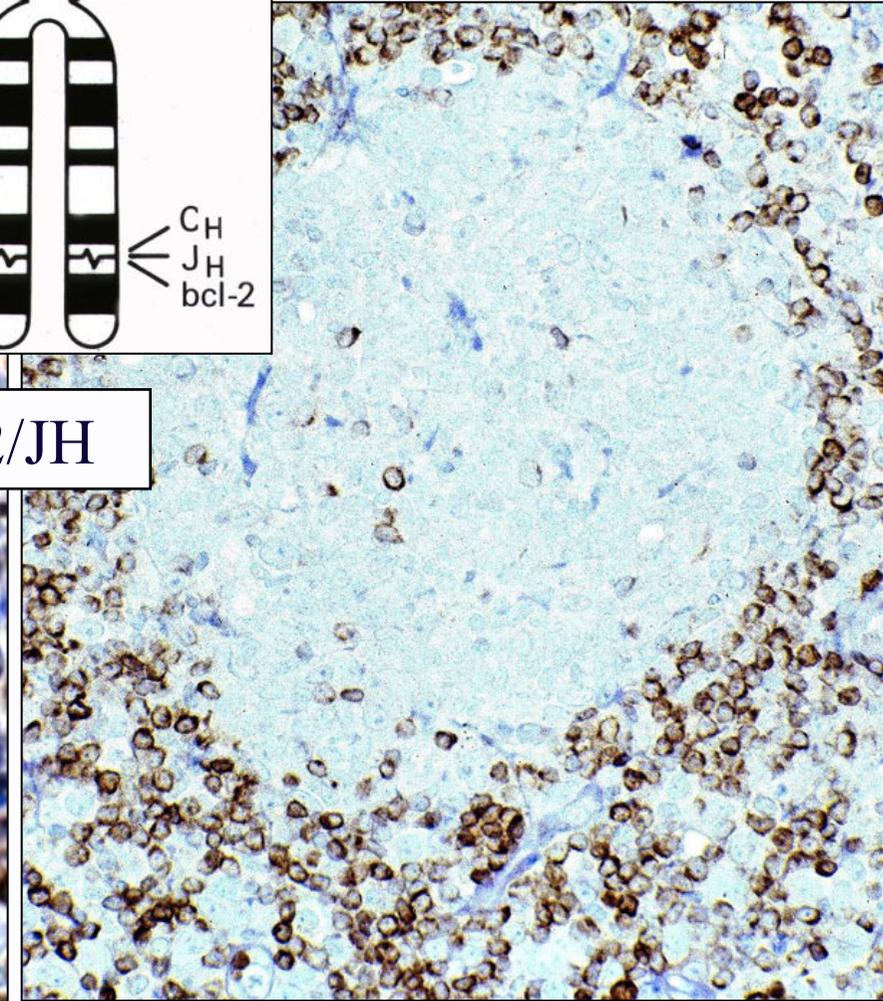
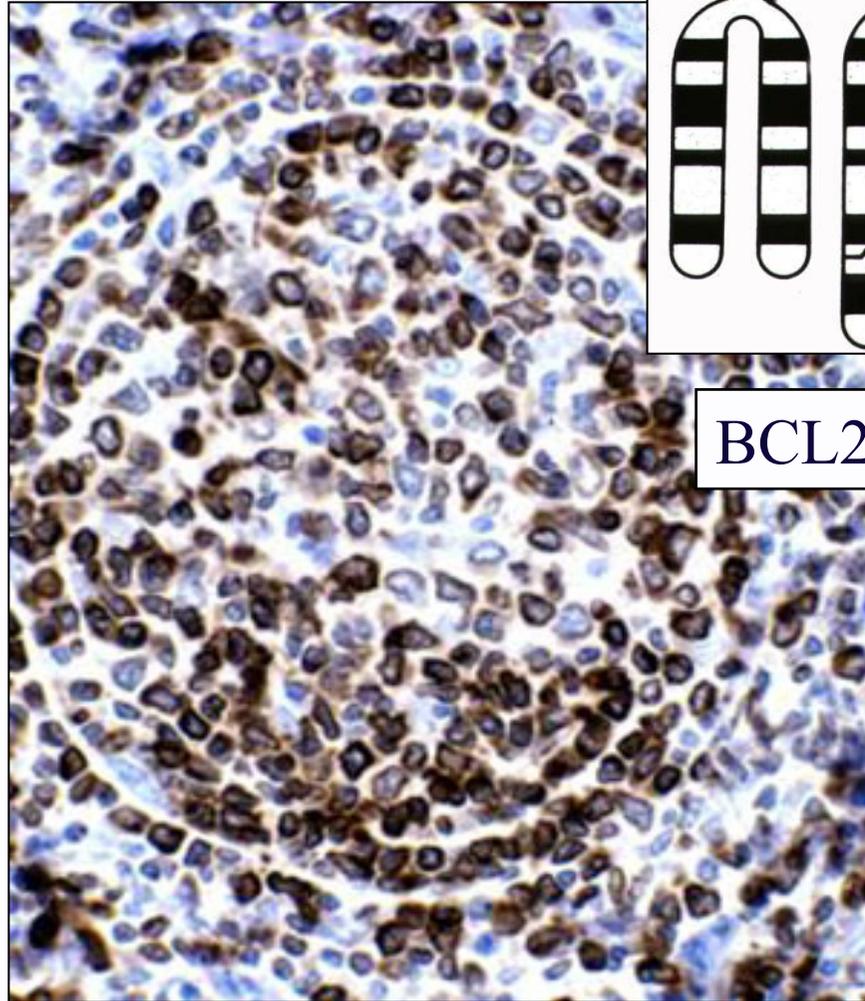
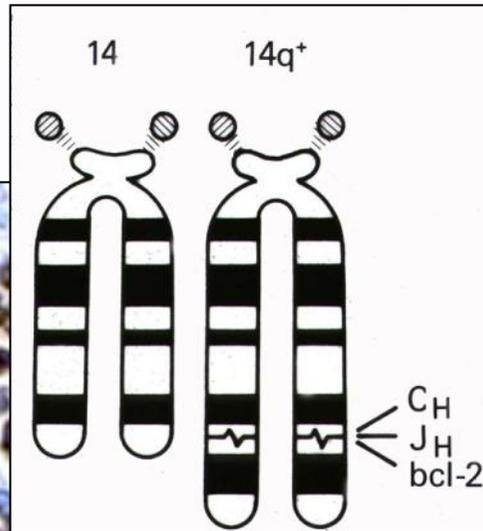
## Case 3

Diagnosis:

Follicular lymphoma, In situ  
(FL-like B-cells of undetermined significance)

Tsujimoto, Croce  
Science 1985

Gaulard, Mason  
AJP 1992

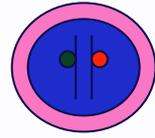


BCL2/JH

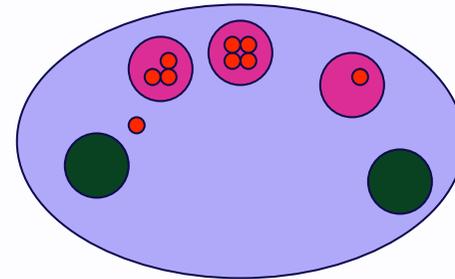
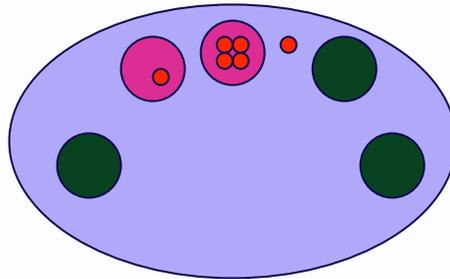
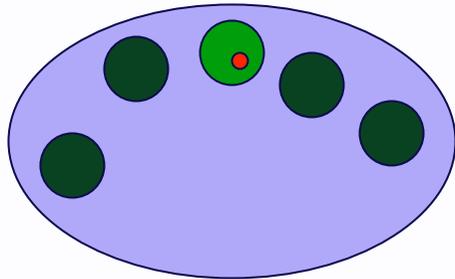
Follicular lymphoma

Germinal Center

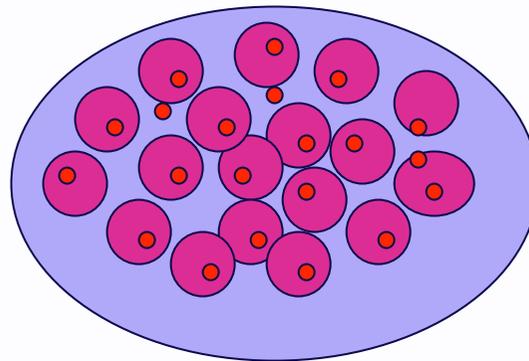
# Follicular Lymphomagenesis



t(14;18) occurs in a Pre-B cell  
in bone marrow



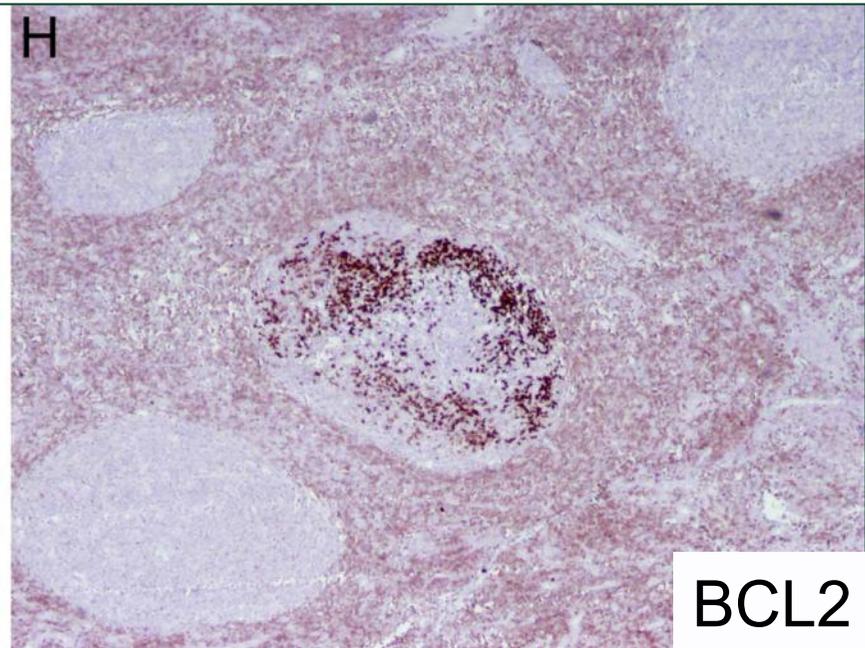
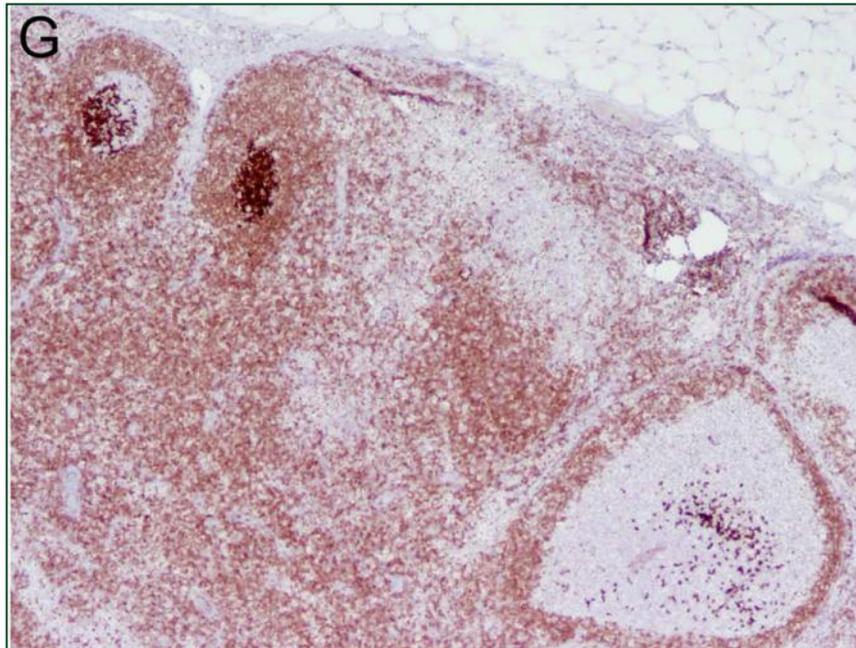
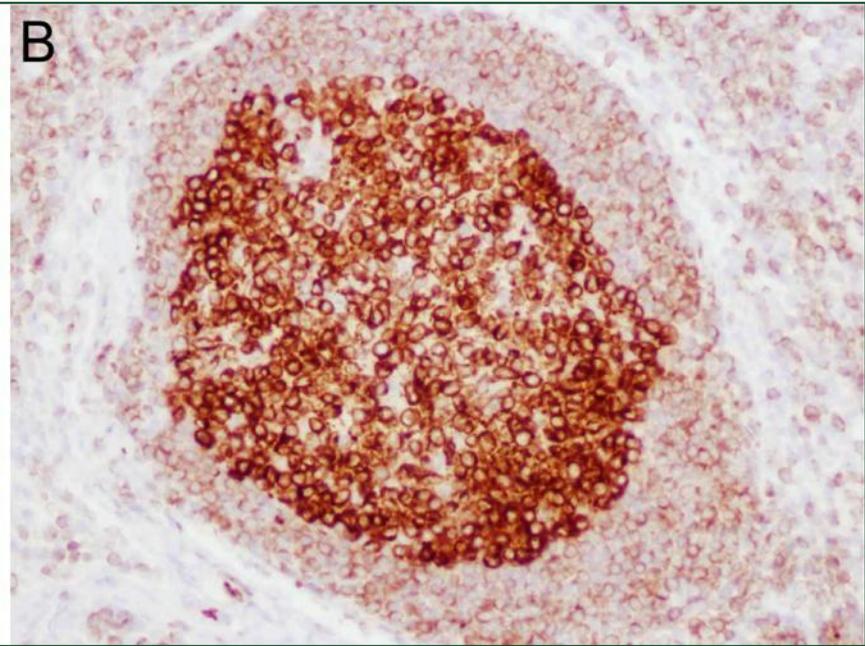
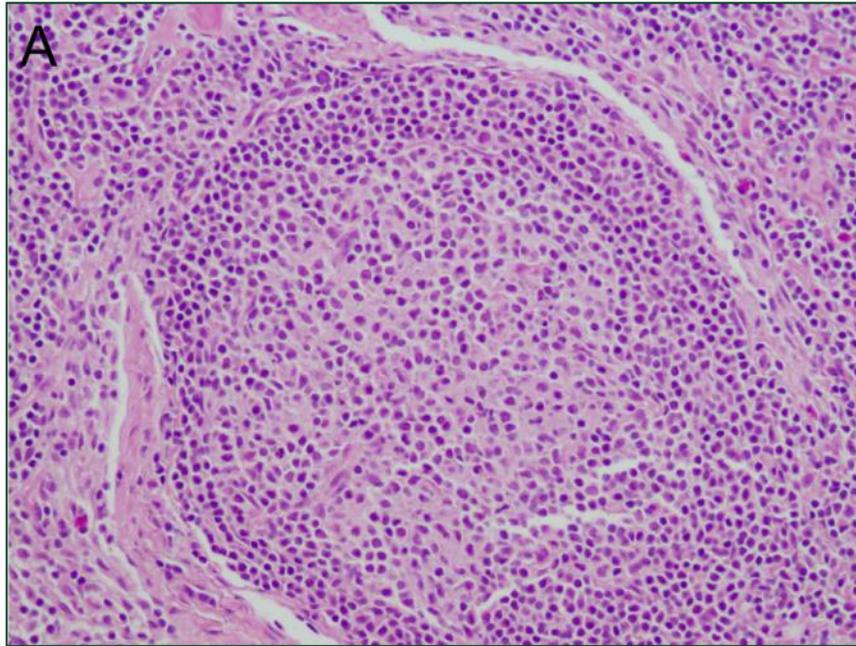
Homes to lymph nodes  
Seeds follicles



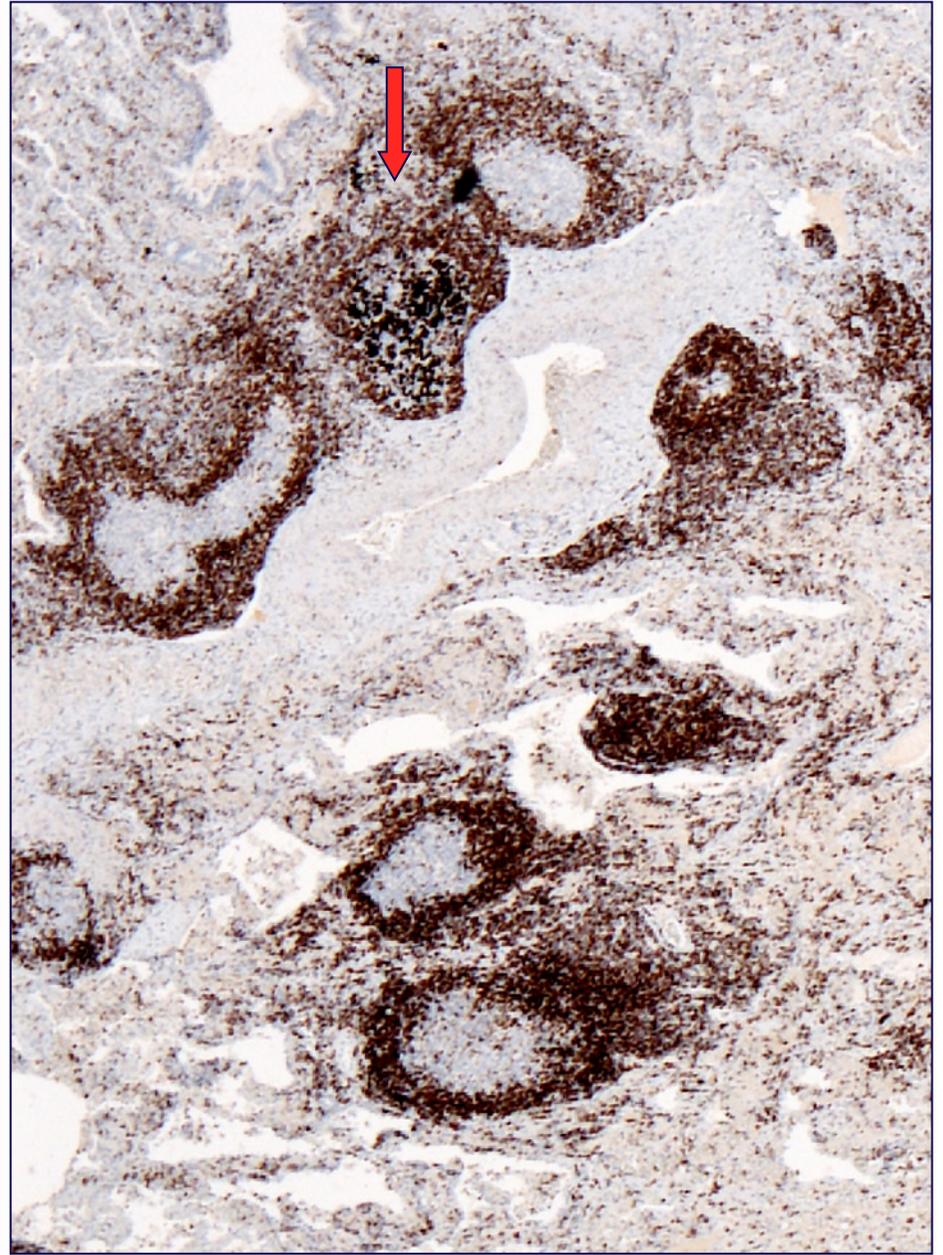
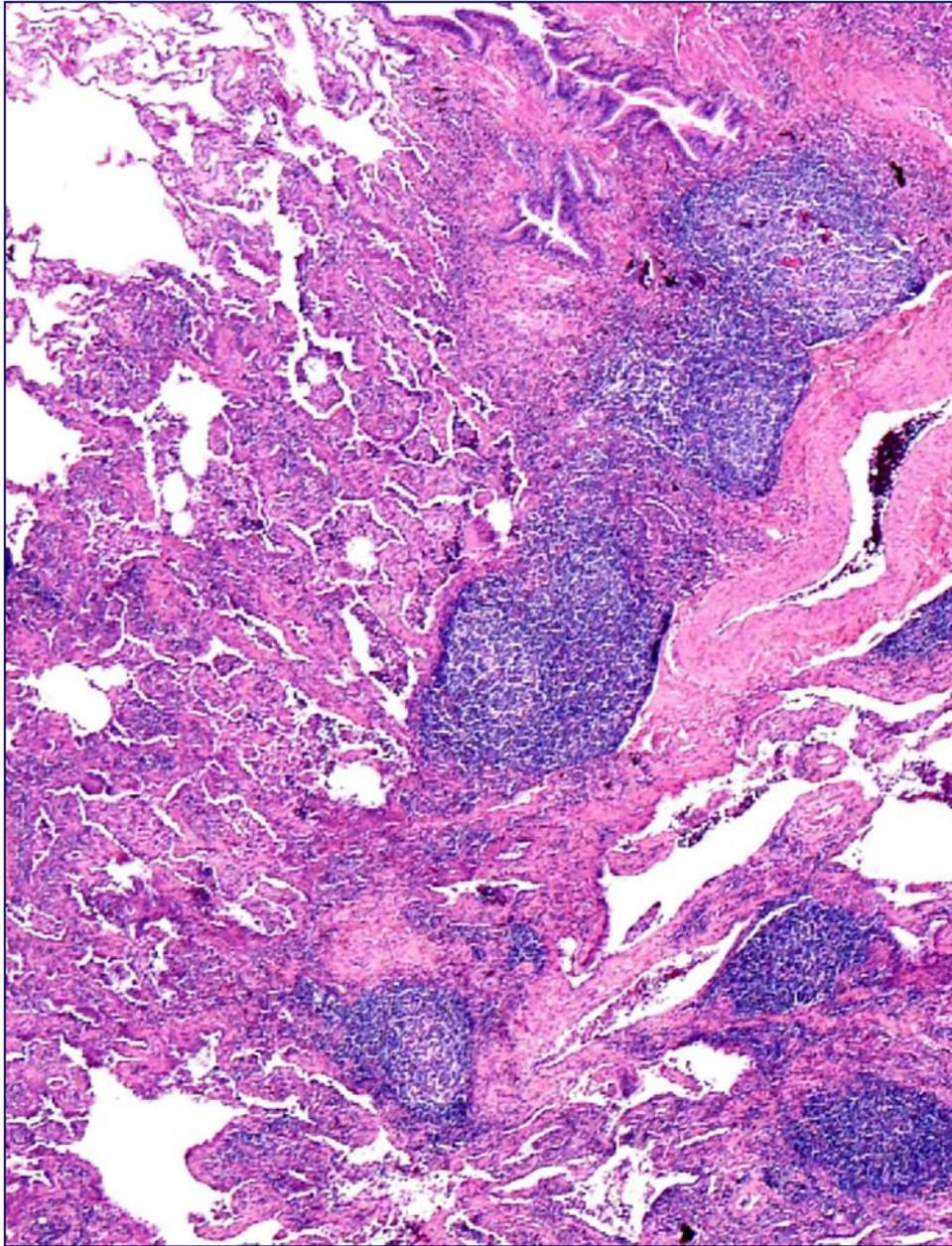
Spreads to other lymph nodes

## “In Situ” Follicular lymphoma

- 23 Cases, Median age 52.5
  - original series (Cong, 2002)
- Incidence estimated at <5% of all reactive LN biopsies
- 2 cases were incidentally associated with other B-cell lymphomas
  - CLL & LPL



**BCL2**



FL in situ in lung resection for adenoca