



**Diagnostic  
BioSystems**

# BOB.1 ANTIBODY

Rabbit Monoclonal Antibody

**NEW**

Antibody Type: Rabbit Monoclonal  
Regulatory Status: IVD  
Clone: SP92  
Cellular Localization: Nuclear  
Catalog Number: RMAB110/RMPD110

**Formalin fixed paraffin embedded  
human tonsil stained with BOB.1**

BOB.1 antibody is a B-lymphocyte transcriptional coactivator that specifically associates with either OCT1 or OCT2. It boosts the OCT1 mediated promoter activity and to a lesser extent, that of OCT2. It has no intrinsic DNA binding activity. BOB.1 and Oct-2 are useful for the B-lineage determination of CD20-plasmablastic or primary effusion subtypes of diffuse large B-cell lymphoma (DLBCL). It recognizes the POU domains of OCT1 and OCT2. It is essential for the response of B-cells to antigens and required for the formation of germinal centers.

## Why BOB.1

- To identify B cells in germinal centers, mantle cells and lymphomas
- Determine lineage of CD20 negative B cell neoplasms
- Help differentiate classical Hodgkin's lymphoma (BOB1 negative) from primary mediastinal large B-cell lymphoma

### References:

- I. Peiguo G Chu et al. Lineage determination of CD20- B-Cell neoplasms an immunohistochemical study. Am J Clin Pathol 2006 Oct;126(4):534-44.
- II. Sylvia Hoeller et al. BOB.1, CD79a and cyclin E are the most appropriate markers