

**BOB1**  
Mouse Monoclonal antibody(Mab)  
Catalog # AD80384

## Specification

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### BOB1 - Product info

Application	IHC-P, IHC
Primary Accession	<a href="#">Q16633</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	27436

### BOB1 - Additional info

Gene ID	5450
Gene Name	POU2AF1

#### Other Names

POU domain class 2-associating factor 1, B-cell-specific coactivator OBF-1, BOB-1, OCA-B, OCT-binding factor 1, POU2AF1 (<a href="http://www.genenames.org/cgi-bin/gene\_symbol\_report?hgnc\_id=9211" target="\_blank">HGNC:9211</a>)

#### Dilution

IHC-P~~Ready-to-use  
IHC~~Ready-to-use

#### Storage

#### Precautions

**This product is stored at 2-8 °C, please use it within the expiration date.**

**BOB.1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**

### BOB1 - Protein Information

Name POU2AF1 ([HGNC:9211](#))

Synonyms  
Function

#### OBF1

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. 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.

Cellular Location

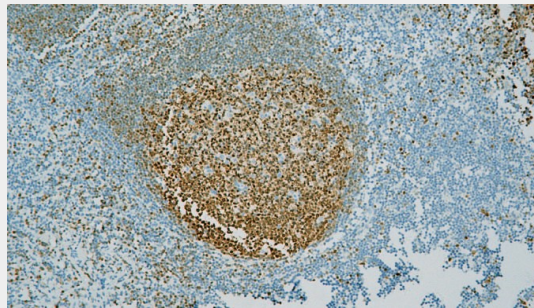
Nucleus.

Tissue Location

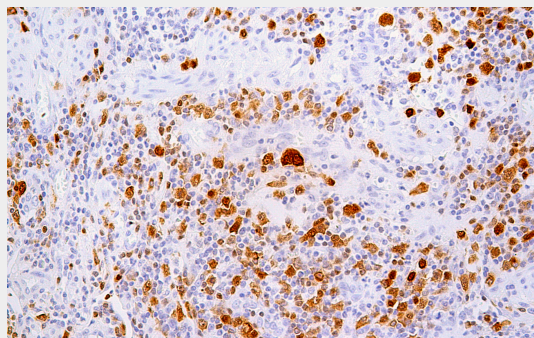
**B-cell specific.****BOB1 - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**BOB1 - Images**

Tonsil



Immunohistochemical analysis of paraffin-embedded vermiform appendix tissue using AD80384 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9.0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room temperature. AmpSee™ Detection Systems [Abcepta:AR005] was used as the secondary antibody.