

BOB1
Mouse Monoclonal Antibody (Mab)
Catalog # APA384**Specification**

BOB1 - Product Information

Application	IHC
Primary Accession	Q16633
Host	Mouse
Clonality	Monoclonal
Calculated MW	27436 Da

BOB1 - Additional Information

Gene ID	5450
Gene Name	POU2AF1 (HGNC:9211)
Other Names	
POU domain class 2-associating factor 1, B-cell-specific coactivator OBF-1, BOB-1, OCA-B, OCT-binding factor 1, POU2AF1 (HGNC:9211)	

Dilution

IHC~~1:100~500

Storage**Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.****Precautions****BOB1 is for research use only and not for use in diagnostic or therapeutic procedures.****BOB1 - Protein Information****Name** POU2AF1 ([HGNC:9211](#))**Function****Transcriptional coactivator that specifically associates with either POU2F1/OCT1 or POU2F2/OCT2 (PubMed:[7859290](#)). It boosts the POU2F1/OCT1 mediated promoter activity and to a lesser extent, that of POU2F2/OCT2 (PubMed:[7779176](#)). It has no intrinsic DNA-binding activity. It recognizes the POU domains of POU2F1/OCT1 and POU2F2/OCT2 (PubMed:[7779176](#)). It is essential for the response of B-cells to antigens and required for the formation of**

Cellular Location
Tissue Location

germinal centers (PubMed:[7623806](#), PubMed:[7859290](#)). Regulates IL6 expression in B cells as POU2F2/OCT2 coactivator (By similarity).

Nucleus.

B-cell specific (PubMed:7779176, PubMed:7859290). Detected in mainly in spleen, but also in thymus, peripheral blood leukocyte and small intestine (PubMed:7779176, PubMed:7859290)

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