

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

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|-----------|---------------------------------------|
| 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 (http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=9211)
HGNC:9211

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|-------------|---|
| 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 germinal centers (PubMed: 7623806 , PubMed: 7859290). Regulates IL6 expression in B cells as POU2F2/OCT2 |
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Cellular Location
Tissue Location

**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