

**Product Name: BOB1 (10L9) Rabbit Monoclonal Antibody**  
**Catalog #: AMRe07623**

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## Summary

<b>Production Name</b>	BOB1 (10L9) Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	POU2AF1
<b>Alternative Names</b>	BOB 1; BOB-1; OBF 1; OBF1; OCA B; OCA-B; OCAB; OCT binding factor 1; Pou2af1;
<b>Gene ID</b>	5450.0
<b>SwissProt ID</b>	Q16633.

## Application

<b>Dilution Ratio</b>	WB 1:500-1:2000
<b>Molecular Weight</b>	27kDa

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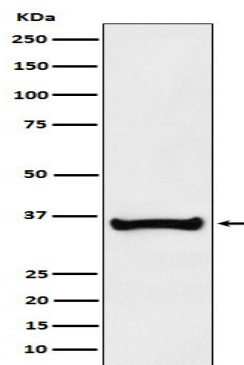
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## Background

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. Transcriptional coactivator that specifically associates with either POU2F1/OCT1 or POU2F2/OCT2 (PubMed: <a href="http://www.uniprot.org/citations/7859290" target="\_blank">7859290</a>). It boosts the POU2F1/OCT1 mediated promoter activity and to a lesser extent, that of POU2F2/OCT2 (PubMed: <a href="http://www.uniprot.org/citations/7779176" target="\_blank">7779176</a>). It has no intrinsic DNA-binding activity. It recognizes the POU domains of POU2F1/OCT1 and POU2F2/OCT2 (PubMed: <a href="http://www.uniprot.org/citations/7779176" target="\_blank">7779176</a>). It is essential for the response of B-cells to antigens and required for the formation of germinal centers (PubMed: <a href="http://www.uniprot.org/citations/7623806" target="\_blank">7623806</a>, PubMed: <a href="http://www.uniprot.org/citations/7859290" target="\_blank">7859290</a>). Regulates IL6 expression in B cells as POU2F2/OCT2 coactivator (By similarity).

## Research Area

## Image Data



Western blot analysis of BOB1 expression in Ramos cell lysate.

## Note

For research use only.