

Anti-BOB1 Rabbit Monoclonal Antibody

Catalog # ABO15597

Product Information

Application	WB, IHC, IF, ICC, FC
Primary Accession	Q16633
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-BOB1 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human.

Additional Information

Gene ID	5450
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)
Calculated MW	27436
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 FC 1:50
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 21P73
Immunogen	A synthesized peptide derived from human BOB1
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

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 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 coactivator (By similarity).

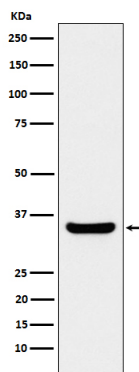
Cellular Location

Nucleus.

Tissue Location

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](#))

Images



Western blot analysis of BOB1 expression in Ramos cell lysate.

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