10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Anti-BOB1 Antibody

Catalog # AP61611

Product Information

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

Additional Information

Gene ID	5450
Other Names	OBF1; POU domain class 2-associating factor 1; B-cell-specific coactivator OBF-1; BOB-1; OCA-B; OCT-binding factor 1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within human BOB1. The exact sequence is proprietary.
Dilution	IHC~~1:100~500
Format	Mouse IgG2a. Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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, periphral blood leukocyte and small intestine (PubMed:7779176, PubMed:7859290)

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