

Product overview

product name	BOB.1 mouse monoclonal antibody
catalog No.	ATDA00009
Category	Primary antibody
Host	Mouse
Species specificity	This antibody detects endogenous levels of human BOB.1. Heat-induced epitope retrieval (HIER) Citrate buffer of pH6.0 was highly recommended as antigen repair method in paraffin section
Tested applications	IHC-p
Clonality	Monoclonal
Immunogen	Synthesized peptide derived from human BOB.1.
Alternative Names	POU domain class 2-associating factor 1, B-cell-specific coactivator OBF-1, BOB-1, OCA-B, OCT-binding factor 1
Uniprot ID	Q16633

Product performance

Form	Liquid
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Stored at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Isotype	IgG2a, Kappa

Dilution range

IHC-p: 1:100-1:500

Product background

Disease: A chromosomal aberration involving POU2AF1/OBF1 may be a cause of a form of B-cell leukemia. Translocation t(3;11)(q27;q23) with BCL6, function: 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. PTM: Ubiquitinated; mediated by SIAH1 or SIAH2 and leading to its subsequent proteasomal degradation, similarity: Belongs to the POU2AF1 family, tissue specificity: B-cell specific.

