

Mouse anti-Human BOB1 Monoclonal Antibody | anti-BOB1 antibody

Anti-BOB1 Antibody

CATALOG # AAA293404	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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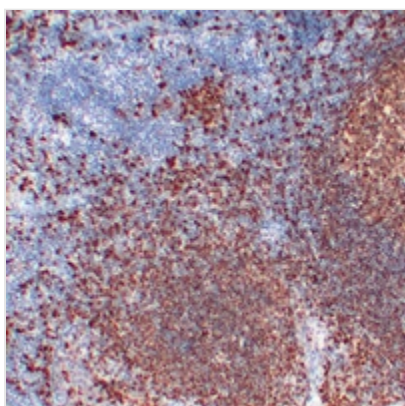
PRODUCT SYNONYMS

BOB1; Monoclonal Antibody; Anti-BOB1 Antibody; OBF1; POU domain class 2-associating factor 1; B-cell-specific coactivator OBF-1; BOB-1; OCA-B; OCT-binding factor 1; anti-BOB1 antibody

PRODUCT SPECIFICATIONS

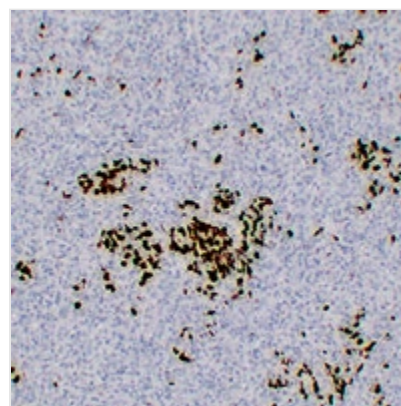
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG2a
Specificity	Recognizes endogenous levels of BOB1 protein.
Form/Format	Mouse IgG2a. Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.09% (W/V) sodium azide.
Applicable Applications for anti-BOB1 antibody	IHC (Immunohistochemistry)
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)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Dilution: IF IH (1/100 - 1/300) Immunohistochemical analysis of BOB1 staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



IHC (Immunohistochemistry)

Dilution: IH: (1/100 - 1/300) Immunohistochemical analysis of BOB1 staining in human lymphoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

ADDITIONAL INFORMATION

Related Product Information for anti-BOB1 antibody	Mouse monoclonal antibody to BOB1 KLH-conjugated synthetic peptide encompassing a sequence within human BOB1. The exact sequence is proprietary. 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 coactivator (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	167900478
NCBI GeneID	5450
NCBI Accession #	NP_006226.2
NCBI GenBank Nucleotide #	NM_006235.2
UniProt Accession #	Q16633; Q14983; B2R8Z9; AAB34937
Molecular Weight	27,436 Da
NCBI Official Full Name	POU domain class 2-associating factor 1
NCBI Official Synonym Full Names	POU class 2 associating factor 1
NCBI Official Symbol	POU2AF1
NCBI Official Synonym Symbols	BOB1; OBF1; OCAB; OBF-1
NCBI Protein Information	POU domain class 2-associating factor 1; B-cell-specific coactivator OBF-1; BOB-1; OCA-B; OCT-binding factor 1; POU domain, class 2, associating factor 1
UniProt Protein Name	POU domain class 2-associating factor 1
UniProt Gene Name	POU2AF1
UniProt Synonym Gene Names	OBF1
UniProt Entry Name	OBF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/bob1-antibody-immunohistochemistry-elisa/293404>