

Mouse anti-Human BOB.1 Monoclonal Antibody | anti-POU2AF1 antibody

BOB.1 (B-Cell Marker)

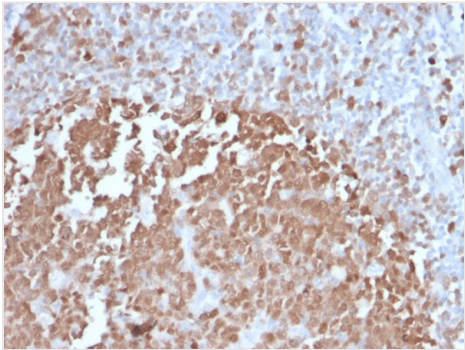
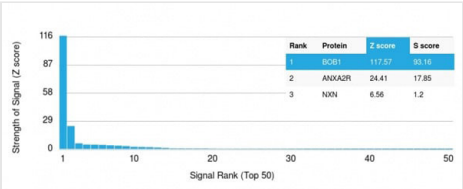
CATALOG # AAA215156	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

BOB.1; Monoclonal Antibody; BOB.1 (B-Cell Marker); B cell Oct binding protein 1; B-cell-specific coactivator OBF-1; OCAB; POU domain class 2-associating factor 1; anti-POU2AF1 antibody

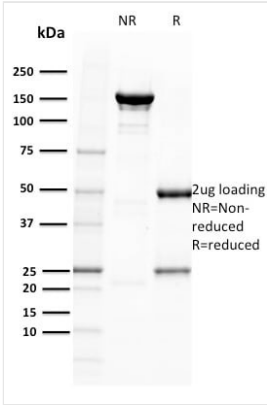
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b, kappa
Clone Number	BOB1/2422
Specificity	BOB.1 expression in a variety of established B-cell lines, representing different stages of B-cell development, has suggested a constitutive, B-cell-specific expression pattern. LP cells in nodular lymphocyte predominant Hodgkin lymphoma, because they are germinal center-derived, are consistently immuno-positive for BOB.1. Conversely, only some cases of classical Hodgkin lymphoma show BOB.1 immuno-reactivity within the Hodgkin and Reed-Sternberg cells. Expression of BOB.1 has been reported in follicular center cell lymphoma, diffuse large B-cell lymphoma and some cases of acute myeloid leukemia. B-CLL, marginal zone lymphoma, and mantle cell lymphoma may show weak to moderate immunoreactivity.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	256
Applicable Applications for anti-POU2AF1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Positive Control	Ramos cells. Spleen or Tonsil.
Immunogen	Recombinant fragment (around aa 148-255) of human BOB1 (POU2AF1) protein (exact sequence is proprietary)
Cellular Localization	Nuclear
Hu-chromosome Location	11q23.1
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C. Antibody without azide: store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

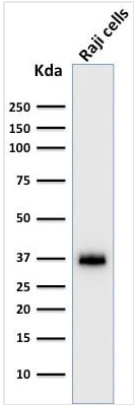


IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Tonsil stained with BOB1 Mouse Monoclonal Antibody (BOB1/2422).

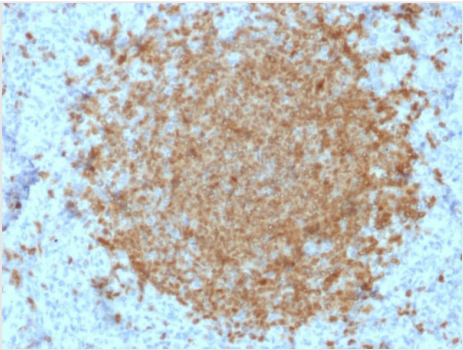
Application Data
Analysis of Protein Array containing more than 19,000 full-length human proteins using BOB1 Mouse Monoclonal Antibody (BOB1/2422). Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProt™ array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProt™ are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to be specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



SDS-PAGE
SDS-PAGE Analysis Purified BOB1 Mouse Monoclonal Antibody (BOB1/2422). Confirmation of Purity and Integrity of Antibody.



WB (Western Blot)
Western Blot Analysis of Raji cell lysate using BOB1 Mouse Monoclonal Antibody (BOB1/2422).



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Spleen stained with BOB1 Mouse Monoclonal Antibody (BOB1/2422).

ADDITIONAL INFORMATION

References	Gibson SE, et al. Am J Clin Pathol. 2006 Dec;126(6):916-24.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	167900478
NCBI GeneID	5450

NCBI Accession #	NP_006226.2
NCBI GenBank Nucleotide #	NP_006226.2
UniProt Accession #	Q16633
Molecular Weight	35kDa
NCBI Official Full Name	POU domain class 2-associating factor 1
NCBI Official Synonym Full Names	POU class 2 homeobox 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
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-clone-bob1-2422-immunohistochemistry-western-blot-elisa/215156>