

BOB.1 (ABT-BOB1) IHC kit

CatalogNo: IHCM6111

Key Features

Host Species

- Mouse

Reactivity

- Human, Mouse,

Applications

- IHC

Isotype

- IgG2a, Kappa

Recommended Dilution Ratios

Storage

Storage* 2°C to 8°C/1 year

Basic Information

Clonality Monoclonal

Clone Number ABT-BOB1

Immunogen Information

Immunogen Synthesized peptide derived from human BOB.1 AA range: 150-256

Specificity The antibody can specifically recognize human BOB.1 protein.

Target Information

Gene name POU2AF1 OBF1

Protein Name POU domain class 2-associating factor 1 (B-cell-specific coactivator OBF-1) (BOB-1) (OCA-B) (OCT-binding factor 1)

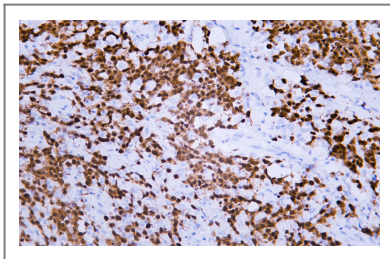
Organism	Gene ID	UniProt ID
Human	5450 ;	Q16633 ;

Cellular Localization Nuclear, Cytoplasmic

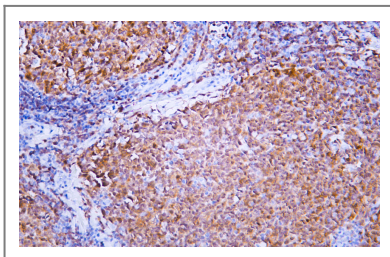
Tissue specificity B-cell specific (PubMed:7779176, PubMed:7859290). Detected in mainly in spleen, but also in thymus, peripheral blood leukocyte and small intestine (PubMed:7779176, PubMed:7859290).

Function 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.,

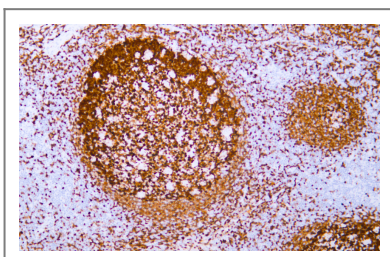
Validation Data



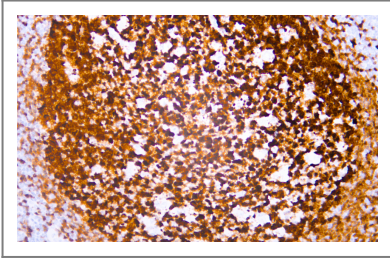
Human diffuse large B-cell lymphoma tissue was stained with anti-BOB.1(ABT-BOB1) antibody.



Human follicular lymphoma tissue was stained with anti-BOB.1(ABT-BOB1) antibody.



Human tonsil tissue was stained with anti-BOB.1(ABT-BOB1) antibody.



Human tonsil tissue was stained with anti-BOB.1(ABT-BOB1) antibody.

| Contact information

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BOB.1 (ABT-BOB1)
IHC kit

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