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BOB1

Mouse Monoclonal antibody(Mab)
Catalog # AD80384

Product Information

Application	IHC-P
Primary Accession	Q16633
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Clone Names	325H1D2
Calculated MW	27436

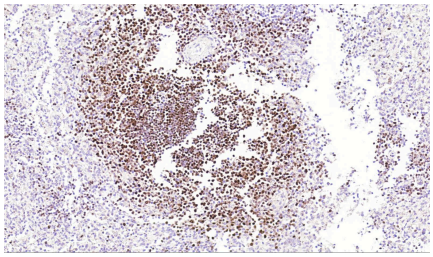
Additional Information

Gene ID	5450
Gene Name	POU2AF1
Other Names	POU domain class 2-associating factor 1, B-cell-specific coactivator OBF-1, BOB-1, OCA-B, OCT-binding factor 1, POU2AF1 (HGNC:9211)
Dilution	IHC-P~~Ready-to-use
Storage	Maintain refrigerated at 2-8°C.
Precautions	BOB.1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

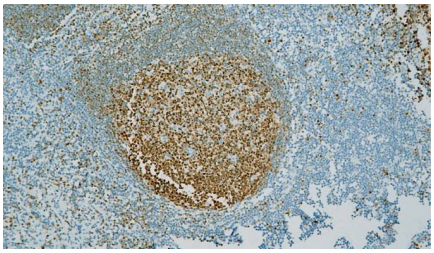
Protein Information

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)

Images



Immunohistochemical analysis of formalin-fixed and paraffin-embedded human spleen tissue was performed with BOB1 primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.



Immunohistochemical analysis of formalin-fixed and paraffin-embedded human tonsil tissue was performed with BOB1 primary antibody, followed by peroxidase-conjugated secondary antibody and DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.