

## Product datasheet for **UM800111**

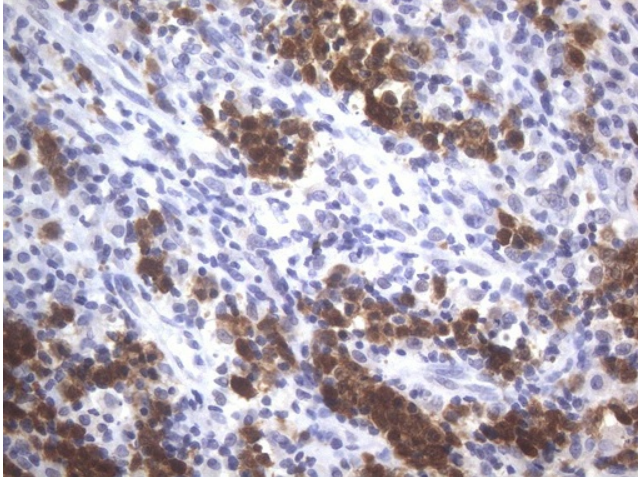
### **BOB1 (POU2AF1) Mouse Monoclonal Antibody [Clone ID: UMAB219]**

#### **Product data:**

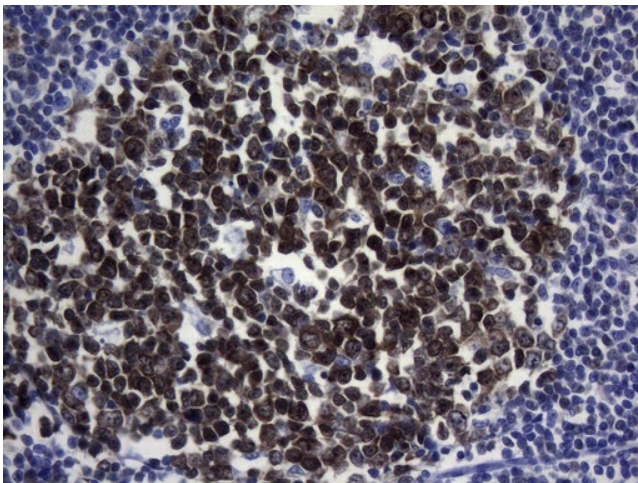
Product Type:	Primary Antibodies
Clone Name:	UMAB219
Applications:	10k-ChIP, IHC
Recommended Dilution:	IHC 1:100~250
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human POU2AF1(NP_006226) produced in E.coli.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5~1.0 mg/ml (Lot Dependent)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	27.3 kDa
Gene Name:	POU class 2 homeobox associating factor 1
Database Link:	<a href="#">NP_006226</a> <a href="#">Entrez Gene 18985 Mouse</a> <a href="#">Entrez Gene 690528 Rat</a> <a href="#">Entrez Gene 5450 Human</a> <a href="#">Q16633</a>
Background:	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. [UniProtKB/Swiss-Prot Function]
Synonyms:	BOB1; OBF-1; OBF1; OCAB



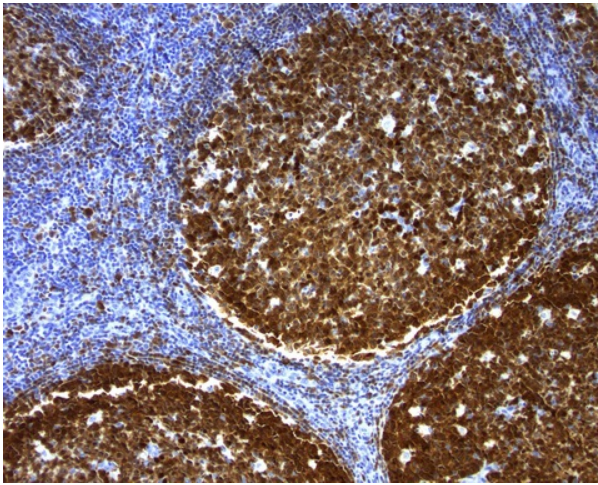
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**Product images:**

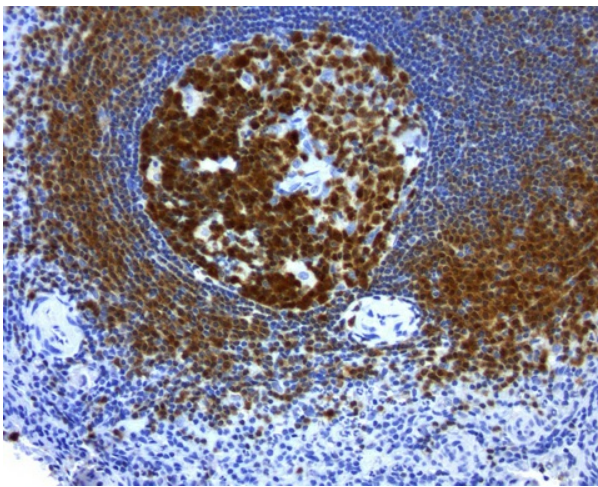
Immunohistochemical staining of paraffin-embedded human lymphoma tissue using anti-POU2AF1 mouse monoclonal antibody. HIER pretreatment was done with 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 minutes. UM800111 was diluted 1:250 and detection was done with HRP secondary and DAB chromogen. Strong nuclear, cytoplasmic, and membranous staining tumor cells.



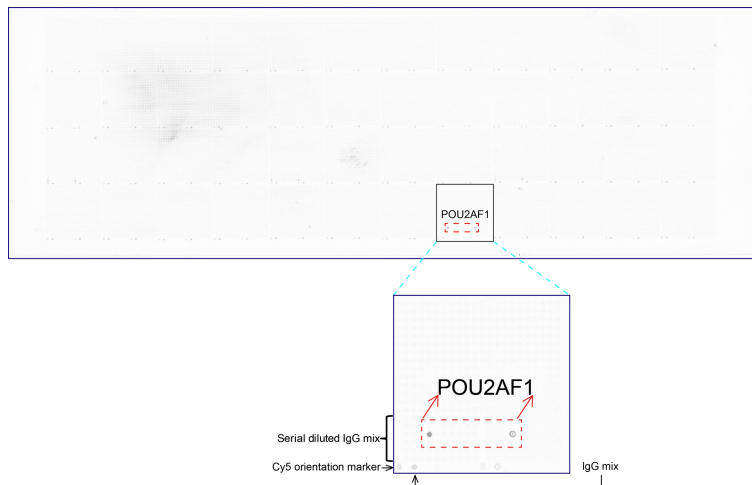
Immunohistochemical staining of paraffin-embedded Human tonsil within the normal limits using anti-POU2AF1 mouse monoclonal antibody. HIER pretreatment was done with 1mM EDTA in 10mM Tris buffer (pH8.0) at 120°C for 2.5 minutes. UM800111 was diluted 1:250 and detection was done with HRP secondary and DAB chromogen. Strong nuclear, cytoplasmic, and membranous staining germinal cells of the tonsil.



Immunohistochemical staining of paraffin-embedded tonsil using mouse anti-POU2AF1 clone UMAB219 (UM800111) at 1:200 with Polink2 Broad HRP DAB detection kit; pretreatment of tissue prior to stain with heat-induced epitope retrieval with EDTA pH 8.0 buffer using pressure chamber for 3 minutes at 110C is required for optimal staining. Cells exhibit cytoplasmic and membranous staining.



Immunohistochemical staining of paraffin-embedded normal spleen using mouse anti-POU2AF1 clone UMAB219 (UM800111) at 1:200 with Polink2 Broad HRP DAB detection kit; pretreatment of tissue prior to stain with heat-induced epitope retrieval with EDTA pH 8.0 buffer using pressure chamber for 3 minutes at 110C is required for optimal staining. Cells exhibit cytoplasmic and membranous staining.



OriGene overexpression protein microarray chip was immunostained with UltraMAB anti-POU2AF1 mouse monoclonal antibody (UM800111). The positive reactive proteins are highlighted with two red arrows in the enlarged subarray. All the positive controls spotted in this subarray are also labeled for clarification (1:100).