

## Product datasheet for **TA355222**

### **BOB1 (POU2AF1) Mouse Monoclonal Antibody [Clone ID: TG14]**

#### **Product data:**

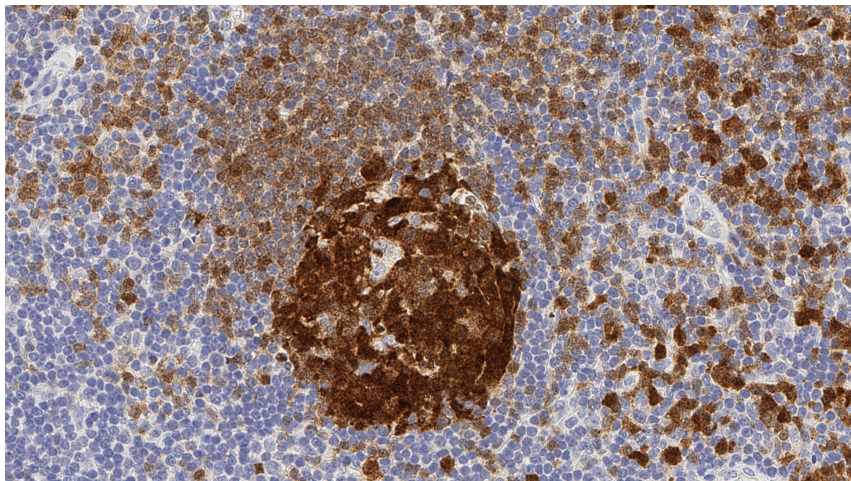
<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	TG14
<b>Applications:</b>	IHC
<b>Recommended Dilution:</b>	1:20
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2b
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	A prokaryotic recombinant protein corresponding to 116 amino acids of the C-terminal region of the
<b>Specificity:</b>	Human B cell specific octamer binding protein-1 (BOB-1).
<b>Formulation:</b>	Liquid tissue culture supernatant containing 15 mM sodium azide as a preservative
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at 2-8°C
<b>Stability:</b>	12 months
<b>Gene Name:</b>	POU class 2 associating factor 1
<b>Database Link:</b>	<a href="#">Entrez Gene 5450 Human Q16633</a>
<b>Background:</b>	<p>B cell specific octamer binding protein-1 (BOB-1), also known as OBF-1 and OCA-B, is a lymphocyte specific transcriptional coactivator protein. It interacts with OCT1 and OCT2 transcription factors and contributes to the transcriptional activity of octamer motifs. BOB-1 is used alongside OCT2 to differentiate between classic Hodgkin's lymphoma (both down regulated) and nodular lymphocyte predominant Hodgkin's lymphoma.</p> <p>BOB-1 has been reported to be detectable in all B cell populations found in reactive lymphoid tissues. The strongest expression being found in germinal center B cells and plasma cells. The expression of BOB-1 in B cell tumors has been reported to be variable. Used alongside OCT2 to differentiate between classic Hodgkin's lymphoma (both down regulated) and nodular lymphocyte predominant Hodgkin's lymphoma.</p>



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Synonyms: BOB-1; BOB1; OBF-1; OBF1; OCA-B; OCAB

**Product images:**



Human tonsil: Immunohistochemical staining for BOB-1. Note nuclear and cytoplasmic staining of B cells with BOB-1: clone TG14