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## BOB.1 (SP92) Rabbit Monoclonal Antibody

**Specificity:** Human. Others not known

**Immunogen:** Synthetic peptide corresponding to C-terminus of human Bob-1 protein

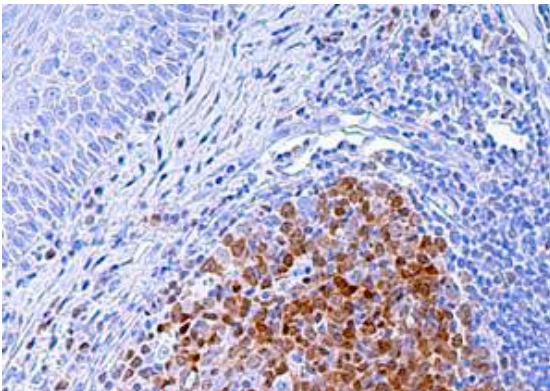
**Ig Class:** Rabbit IgG

**Storage:** Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months

**Staining procedures:** Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. *Detection methods:* Polymer anti-mouse/rabbit IgG detection system. *Working dilution:* 1:50; *Positive Control:* Tonsil. *Cellular Localization:* Nuclear and cytoplasmic. *Intended Use:* In Vitro Diagnosis (IVD).

**Description:** B-cell-specific transcription of octamer-dependent promoters has been shown to require additional coactivators, which functionally interact with Oct1 and/or Oct2 transcription factors. The BOB.1/OBF.1 coactivator was shown to be a critical determinant of octamer-dependent gene transcription in B lymphocytes. Expression of BOB.1/OBF.1 is restricted largely to B lymphocytes. Various lymphomas are also positive for this marker including the following: B-Chronic lymphocytic leukemia, mantle cell lymphoma, follicular lymphoma, marginal zone lymphoma, plasmacytoma, Burkitt lymphoma, diffuse large cell lymphoma, diffuse large B-cell lymphoma, T-cell rich B-cell lymphoma, nodular lymphocyte predominant Hodgkin lymphoma, whereas classic Hodgkin lymphoma is usually negative.

**Supplied As:** Purified antibody in 0.2% BSA and 15mM sodium azide.



#### References:

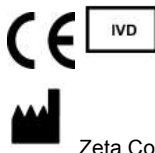
1. Stein H, et al. *Blood*. 2001; 97:496-501.
2. Pileri SA, et al. *Am J Pathology* 2003; 162:243-53.
3. Sáez AI, et al. *Mod Pathol*. 2002; 15:211-20.
4. Loddenkemper C, et al. *J Pathol*. 2004; 202:60-9.

*Formalin-fixed, paraffin-embedded human skin with reactive lymphoid hyperplasia stained with anti-BOB.1 antibody using peroxidase-conjugate and DAB chromogen. Note nuclear and cytoplasmic staining of follicular center cells*

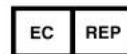
**Cat. #Z2260 (1.0 ml)**

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