

Rabbit anti-BOB.1, clone SP92, monoclonal

Clone no. SP92

MONOSAN

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Product name	Rabbit anti-BOB.1, clone SP92, monoclonal
Host	Rabbit
Applications	IHC-P (1:100-1:500)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG-1
Clonality	Monoclonal
Clone number	SP92
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Tris Buffer, pH 7.3-7.7, containing 1% BSA and <0.1% Sodium Azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

Oct-binding factor-1 (OBF1), also known as BOB.1, is a B-cell-specific coactivator which has been mapped to chromosome 11q23. Expression of BOB.1/OBF.1 is restricted largely to mature B-cells, with germinal center B-cells normally staining for BOB.1.2,3 Analyses of BOB.1/OBF.1 expression in a variety of established B-cell lines representing different stages of B-cell development has suggested a constitutive, B-cell-specific expression pattern. LP cells in nodular lymphocyte predominant Hodgkin lymphoma, because they are germinal center-derived, are consistently immunoreactive for BOB.1. Conversely, only some cases of classical Hodgkin lymphoma show BOB.1 immunoreactivity within the Hodgkin and Reed-Sternberg cells. Expression of BOB.1/OBF.1 has been reported in follicular center cell lymphoma, diffuse large B-cell lymphoma and some cases of acute myeloid leukemia. B-CLL, marginal zone lymphoma, and mantle cell lymphoma may show weak to moderate immunoreactivity.

**References**

1. Junker S, et al. Genomics. 1996; 33:143-5
2. Steimle-Grauer SA, et al. Virchows Arch. 2003; 442:284-93
3. Valsami S, et al. Haematologica. 2007; 92:1343-50
4. Stein H, et al. Blood. 2001; 97:496-501
5. Hertel CB, et al. Oncogene.2002; 21:4908-20

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