

Rabbit Anti-BOB.1 [EP114]: RM0010

Intended Use: For Research Use Only

Description: BOB.1, also known as B-cell-specific coactivator OBF-1 or OCA-B, is a lymphoid-specific transcriptional coactivator that interacts with the transcription factors Oct-1 and Oct-2. BOB.1 has been shown to be critical for the development of a normal immune response, where it mediates octamer-dependent transcriptional activity in B lymphocytes. It is also critically involved in the formation of germinal centers in secondary lymphoid organs. BOB.1 levels have been observed to be massively upregulated in germinal center B cells, as compared with resting B cells. The BOB.1 antibody labels B lymphocytes and plasma cells. It is expressed in various B cell derived lymphomas and Hodgkin's lymphomas (HL). The expression of BOB.1 is high in Nodular lymphocyte predominant Hodgkin lymphoma (NLPHL), but low in classic HL.

Specifications:

Clone: EP114
Source: Rabbit
Isotype: IgG
Reactivity: Human
Localization: Nucleus
Formulation: Antibody in PBS pH7.2, containing < 0.2% BSA and < 0.09% sodium azide (NaN₃).
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles
Applications: IHC
Package:

Description	Catalog No.	Size
BOB.1 Concentrated	RM0010	1 ml

IHC Procedure*:

Positive Control Tissue: Tonsil, lymphoma
Concentrated Dilution: 50-200
Pretreatment: EDTA pH8.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp: 30-60 minutes @ RT
Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.