

BOB1 monoclonal antibody

Catalog: MB67118

Host: Mouse

Reactivity: Human

BackGround:

B cell Oct binding factor-1 (BOB-1/OBF-1) is a B cell restricted transcriptional coactivator. BOB-1 facilitates transactivation of immunoglobulins and other B cell specific genes through the binding and activation of the transcription factors Oct-1 and Oct-2. Research studies have demonstrated that BOB-1 expression is required for antigen-dependent B cell maturation. In pathological conditions such as classical Hodgkin disease, loss of BOB-1 expression is thought, in part, to contribute to the defect in immunoglobulin gene expression by Hodgkin and Reed Sternberg cells. In the context of multiple myeloma, overexpression of BOB-1 has been shown to contribute to malignant plasma cell growth, in part, through enhanced transactivation of TNFRSF17/BCMA.

Product:

Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 35 kDa

Swiss-Prot:

Q16633

Purification&Purity:

This antibody is purified through a protein G column.

Applications:

WB (1/1000 - 1/2000)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of BOB1 protein.

DATA:

Western blot analysis of BOB1 expression in Daudi (A) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

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