BOB1 monoclonal antibody

Catalog: MB66023 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 IgG2a. Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.

Molecular Weight:

~ 27 kDa

Swiss-Prot:

Q16633

Purification&Purity:

The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC (1/100 - 1/300)

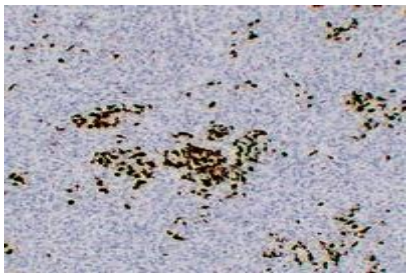
Storage&Stability:

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

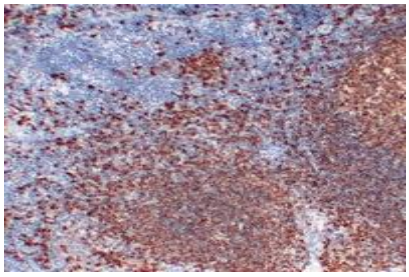
Specificity:

Recognizes endogenous levels of BOB1 protein.

DATA:



Immunohistochemical analysis of BOB1 staining in human lymphoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunohistochemical analysis of BOB1 staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

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

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