HLDA9 Antibody Validation File

Antibody Information

Antibody name: BCL123a
Specificity: Human BCL11A<sub>XL</sub>
Antibody species: Mouse
Ig Isotype: IgG1
Immunogen: GST-BCL11A<sub>XL</sub> recombinant protein
Epitope recognized: 637-835 aa
Specificity: Human and rat

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Antibody validation data

Validation of BCL123a monoclonal antibody in transfected cells (Figure 1)
Biochemical characterization of BCL123a monoclonal antibody (Figure 2)
Expression in paraffin human reactive tonsil (Figure 3)
**Figure 1 Validation of BCL123a monoclonal antibody in transfected cells**

Nuclear staining of COS/ BCL11A \( _{XL} \) transfectants but not BCL BCL11A \( _{L} \) transfectants using antibody BCL123a.

**Figure 2 Western blotting characterisation of the BCL123a monoclonal antibody**

Western Blotting characterization of BCL123a monoclonal antibody with lysates of transfectants expressing different BCL11A isoforms and the highly homologous BCL11B to show specificity for BCL11A \( _{XL} \).
**Figure 3: BCL11A<sub>XL</sub> (BCL123a) expression in tonsil**

BCL11A<sub>XL</sub> is present in B cells (brown) in germinal centres and mantle zones. Double labelling studies show the strongly labelled cells in the interfollicular areas to be CD123-positive pDCs (arrowhead).

BCL11A<sub>XL</sub> is absent in plasma cells.
Publications using antibody to BCL11A<sub>XL</sub> (BCL123a)


Patents : NO

Antibody licensed to: