HLDA9 Antibody Validation File

Antibody Information

Antibody name: NOR 235
Specificity: Human Bcl-2
Antibody species: Rat
Ig Isotype: IgG2b
Immunogen: His-bcl-2 recombinant protein
Epitope recognized: Unknown
Specificity: Human

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Antibody validation data

Validation of NOR235 monoclonal antibody in transfected cells (Figure 1)
Biochemical characterization of NOR235 monoclonal antibody (Figure 2)
Expression in reactive human paraffin tonsil (Figure 3)
Figure 1: Validation of NOR 265J monoclonal antibody in transfected cells

Cytoplasmic staining on frozen cytospin preparations of transfected HEK293T/Bcl-2 cells using antibody NOR 265J.

Figure 2: Western Blotting characterization of NOR 235J monoclonal antibody

Western blot analysis of Bcl-2 NOR 235J monoclonal antibody in total protein extracts from tonsil, human Hodgkin’s lymphoma (L540) and human cervix carcinoma (HeLa) cell lines. Tonsil and HeLa show a 27 kDa band corresponding to Bcl-2 protein. No presence of Bcl-2 protein was observed in L540 and mouse spleen extract.
Figure 3: Bcl-2 (NOR 235J) expression in reactive tonsil

**Human tonsil**: protein is detectable in small B cells in the mantle zone and in many cell within the interfollicular T-cell areas. No bcl-2 expression is observed in germinal center cells.
Publications using antibody Bcl-2 100

Pezzella F, Tse AG, Cordell JL, Pulford KA, Gatter KC, Mason DY
Expression of the bcl-2 oncogene protein is not specific for the 14;18 chromosomal translocation

Bcl-2 protein expression in follicular lymphomas in absence of 14;18 translocation

Falini B, Mason DY.
Proteins encoded by genes involved in chromosomal alterations in lymphoma and leukemia: clinical value of their
detection by immunocytochemistry.

Patents: Out of Patent

Antibodies licensed to: AbD Serotec, Ancell, Beckton Dickinson, Biogenex, DAKO, EMD, Invitrogen, Leica (Novocastra), Oncogene Science, Santa Cruz, Sigma, Ventana