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36-1649: Monoclonal Antibody to Bcl-X (Apoptosis Marker)(Clone: 2H12)

Clonality: Monoclonal Clone Name: 2H12

Application : FACS,IF,WB,IHC **Reactivity :** Human, Mouse, Rat

Gene: BCL2L1
Gene ID: 598
Uniprot ID: Q07817
Format: Purified

Alternative Name: BCL2L1,BCL2L,BCLX Isotype: Mouse IgG2a, kappa

Immunogen Information: A synthetic peptide, aa 3-14 (Cys-QSNRELVVDFLS) of human Bcl-X protein

Description

Recognizes a protein of 27kDa, identified as the Bcl-X protein. This MAb shows no cross-reaction with Bcl-2 or Bax protein. Bcl-X has two isoforms, Bcl-XL (long), a 241 amino acid protein which suppresses cell death. And Bcl-XS (short), a 178 amino acid protein lacking a 63 amino acid domain which functions as a dominant inhibitor of Bcl-2. This MAb reacts with both Bcl-XS and Bcl-XL proteins.

Product Info

Amount : 100 μg

Purification: Affinity Chromatography

Content: 100 μg in 500 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly

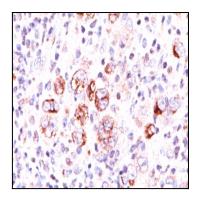
toxic.

Storage condition : Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid

repeated freeze and thaw cycles.

Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Western Blot (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT) (Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris buffer with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes)

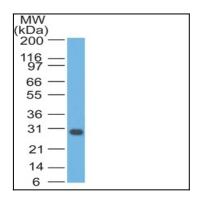


Formalin-fixed, paraffin-embedded human Hodgkin's Lymphoma stained with Bcl-x Monoclonal Antibody (2H12). Note cytoplasmic and membrane staining.



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Western Blot of Jurkat Cell Lysate using Bcl-x Monoclonal Antibody (2H12).