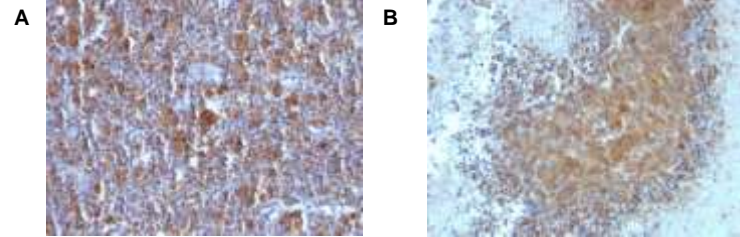


## Anti-Bax Antibody (BAX/962)

<b>CATALOG NO:</b>	A1434-100
<b>ALTERNATIVE NAMES:</b>	Apoptosis regulator BAX cytoplasmic isoform beta, Apoptosis regulator BAX membrane isoform alpha, Bax isoform psi, Bax protein cytoplasmic isoform delta, Bax protein cytoplasmic isoform gamma, Bax zeta, Bcl-2-like protein 4, BCL2 associated X protein, BCL2 associated X protein omega, BCL2 associated X protein transcript variant delta2, BCL2L4
<b>AMOUNT:</b>	100 µg
<b>IMMUNOGEN:</b>	Recombinant full-length human BAX protein
<b>HOST/ISOTYPE:</b>	Mouse IgG1
<b>CLONALITY:</b>	Monoclonal
<b>CLONE:</b>	BAX/962
<b>MOL WEIGHT:</b>	21 kDa
<b>SPECIES REACTIVITY:</b>	Human
<b>PURIFICATION:</b>	Protein A/G purified
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	Supplied in 10 mM PBS with 0.05% BSA & 0.05% azide
<b>STORAGE CONDITIONS:</b>	Shipped at 4°C. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
<b>DESCRIPTION:</b>	Recognizes a protein of 21kDa, identified as the Bax protein. This MAb is highly specific to Bax and shows no cross-reaction with Bcl-2 or Bcl-X protein. Bcl-2 blocks cell death following a variety of stimuli. Bax has extensive amino acid homology with Bcl-2 and it homodimerizes and forms heterodimers with Bcl-2. Overexpression of Bax accelerates apoptotic death induced by cytokine deprivation in an IL-3 dependent cell line, and Bax also counters the death repressor activity of Bcl-2.
<b>APPLICATION:</b>	FC: 0.5-1 µg/1X10 <sup>6</sup> cells IF: 1-2 µg/ml WB: 0.5-1µg/ml IHC: 0.5-1 µg/ml for 30 minutes at RT (Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 10-20 min followed by cooling at RT for 20 minutes)

**Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.**



**A. Formalin-fixed, paraffin-embedded Hodgkin's lymphoma stained with Bax Monoclonal Antibody (BAX/962)**

**B. Formalin-fixed, paraffin-embedded human melanoma stained with Bax Monoclonal Antibody (BAX/962)**

### RELATED PRODUCTS:

- Anti-ACTH Antibody (SPM501) **(Cat. No. A1418)**
- Anti-ACTH Antibody (r57) **(Cat. No. A1419)**
- Anti-Adiponectin Antibody (ADPN/1370) **(Cat. No. A1420)**
- Anti-Adipophilin Antibody (ADFP/1365) **(Cat. No. A1421)**
- Anti-Adipophilin Antibody (ADFP/1494) **(Cat. No. A1422)**
- Anti-AFP Antibody (C3) **(Cat. No. A1423)**
- Anti-ALDH1A1 Antibody (ALDH1A1/1381) **(Cat. No. A1424)**
- Anti-ALK Antibody (ALK/1503) **(Cat. No. A1425)**
- Anti-Alkaline Phosphatase Antibody (ALPL/597) **(Cat. No. A1426)**
- Anti-Alpha-1-Antitrypsin Antibody (AAT/1378) **(Cat. No. A1427)**

**FOR RESEARCH USE ONLY! Not to be used on humans.**