

36-1627: Monoclonal Antibody to Bax (Apoptosis Marker)(Clone : 2D2)

Clonality :	Monoclonal
Clone Name :	2D2
Application :	FACS,IF,WB,IHC
Reactivity :	Human
Gene :	BAX
Gene ID :	581
Uniprot ID :	Q07812
Format :	Purified
Alternative Name :	BAX,BCL2L4
Isotype :	Mouse IgG1, kappa
Immunogen Information :	A synthetic peptide, aa 3-16 (Cys-GSGEQPRGGGPTSS) of human bax protein.

Description

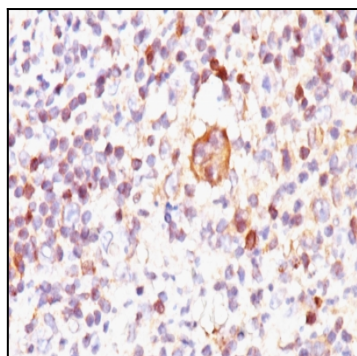
Recognizes a protein of 21kDa, identified as the Bax protein. This MAb is highly specific to Bax and shows no cross-reaction with Bcl-2 or Bcl-X protein. Bcl-2 blocks cell death following a variety of stimuli. Bax has extensive amino acid homology with Bcl-2 and it homodimerizes and forms heterodimers 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.

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 1mM EDTA buffer, pH 7.5-8.5, for 45 min at 95°C followed by cooling at RT for 20 minutes)



Formalin-fixed, paraffin-embedded Hodgkin's Lymphoma stained with Bax Monoclonal Antibody (Clone 2D2).