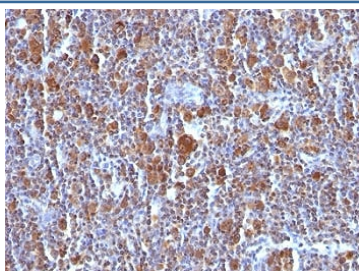


## Bax Antibody [clone BAX/962] (V2827)

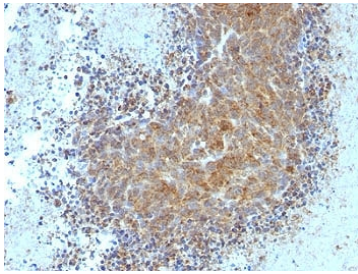
Catalog No.	Formulation	Size
V2827-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2827-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2827SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2827IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

[Bulk quote request](#)

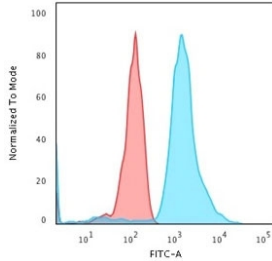
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	BAX/962
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	Q07812
<b>Localization</b>	Cytoplasmic
<b>Applications</b>	Flow Cytometry : 1-2ug/10 <sup>6</sup> cells Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
<b>Limitations</b>	This Bax antibody is available for research use only.



IHC: Formalin-fixed, paraffin-embedded Hodgkin's lymphoma stained with Bax antibody (clone BAX/962).



IHC: Formalin-fixed, paraffin-embedded human melanoma stained with Bax antibody (clone BAX/962).



Flow cytometry testing of human Jurkat cells with Bax antibody (clone BAX/962); Red=isotype control, Blue= Bax antibody.

## 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.

## Application Notes

Optimal dilution of the Bax antibody should be determined by the researcher.

1. 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 min.
2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

## Immunogen

Recombinant full-length human protein was used as the immunogen for the Bax antibody.

## Storage

Store the Bax antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).

