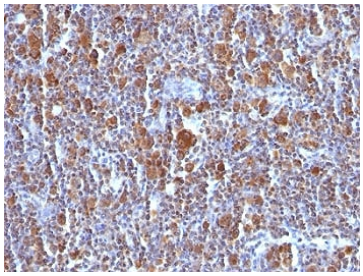
Bax Antibody [clone BAX/962] (V2827)

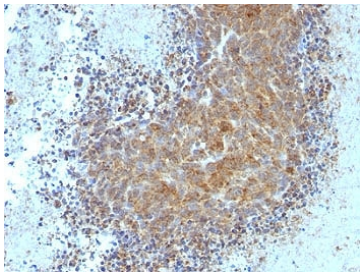
Catalog No.	Formulation	Size
V2827-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2827-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2827SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2827IHC-7ML	Prediluted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

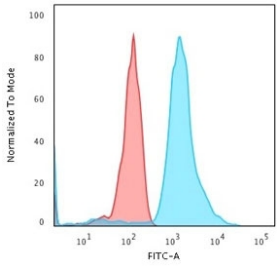
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	BAX/962
Purity	Protein G affinity chromatography
UniProt	Q07812
Localization	Cytoplasmic
Applications	Flow cytometry: 1-2ug/10^6 cells Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT
Limitations	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.

Learn more about Bax biology and explore our highly published mouse monoclonal Bax antibody on our Bax Antibody page.

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 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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