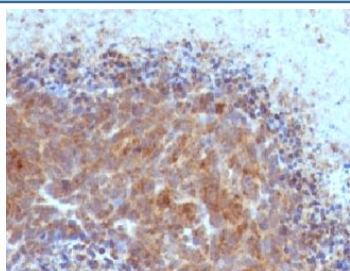


## Bax Antibody [clone ARBX-1] (V7127)

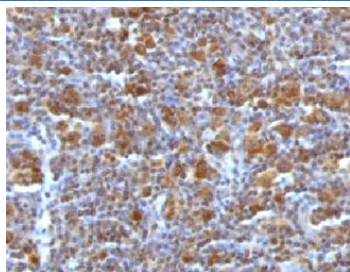
Catalog No.	Formulation	Size
V7127-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7127-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7127SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7127IHC-7ML	Prediluted 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
<b>Clone Name</b>	ARBX-1
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	Q07812
<b>Localization</b>	Cytoplasmic
<b>Applications</b>	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT (1) Prediluted IHC Only Format : incubate for 30 min at RT (2)
<b>Limitations</b>	This Bax antibody is available for research use only.



IHC testing of FFPE human melanoma with Bax antibody (clone ARBX-1)



IHC testing of FFPE Hodgkin's Lymphoma with Bax antibody (clone ARBX-1)

## Description

BCL2 associated X protein/Bax accelerates programmed cell death by binding to, and antagonizing the apoptosis repressor BCL2 or its adenovirus homolog E1B 19k protein. Under stress conditions, undergoes a conformation change that causes translocation to the mitochondrion membrane, leading to the release of cytochrome c that then triggers apoptosis. Promotes activation of CASP3, and thereby apoptosis. [UniProt]

## 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).