

## Anti-Bax Antibody [2D2] (A249822)

### Specifications:

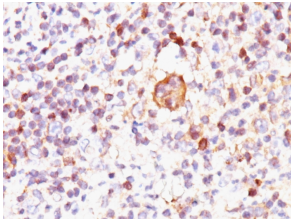
Name:	Anti-Bax Antibody [2D2]
Description:	Mouse monoclonal [2D2] antibody to Bax.
Specificity:	This antibody recognizes a protein of 21kDa, identified as the Bax protein. This MAb is highly specific to Bax and shows no cross-reaction with Bcl-2 or Bcl-X protein. Bcl-2 blocks cell death following a variety 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.
Applications:	Flow Cytometry, IF, WB, IHC-P
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml, WB: 1-2 µg/ml, IHC-P: 1-2 µg/ml
Reactivity:	Human, Monkey
Cross Reactivity:	This antibody does not cross react with Mouse or Rat.
Immunogen:	Synthetic peptide corresponding to amino acids 3-16 of human Bax protein.
Sequence:	Cys-GSGEQPRGGGPTSS
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	2D2
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-Bax Antibody [2D2] - BSA and Azide free (A253002).

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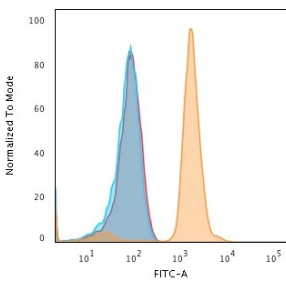
## Specifications continued:

**Disclaimer:** This product is for research use only. It is not intended for diagnostic or therapeutic use.

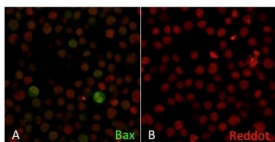
## Images:



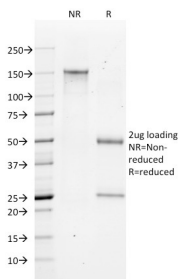
Immunohistochemical analysis of formalin-fixed, paraffin-embedded human Hodgkin's lymphoma using Anti-Bax Antibody [2D2].



Flow cytometric analysis of human Jurkat cells using Anti-Bax Antibody [2D2] followed by Goat Anti-Mouse IgG (CF® 488) (Orange). Unstained cells (Blue). Isotype Control (Red).



Immunofluorescent analysis of human Jurkat cells; Panel A: Stained with Anti-Bax Antibody [2D2] (CF® 488) (Green); Panel B: Stained with Goat anti-Mouse IgG (CF® 488); Nuclear counterstain is RedDot.



SDS-PAGE analysis of Anti-Bax Antibody [2D2] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.