

## DESCRIPTION

<b>Species Reactivity</b>	Human/Mouse
<b>Specificity</b>	Detects human and mouse full-length Bax.
<b>Source</b>	Monoclonal Mouse IgG <sub>2A</sub> Clone # 127602
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	<i>S. frugiperda</i> insect ovarian cell line Sf 21-derived recombinant human Bax minus the carboxyl terminal
<b>Formulation</b>	Supplied as a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

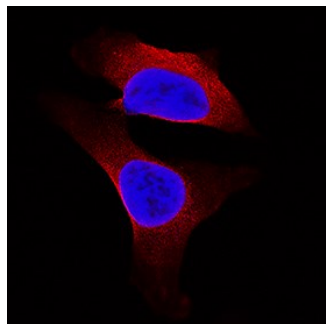
## APPLICATIONS

**Please Note:** Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

	Recommended Concentration	Sample
<b>Immunocytochemistry</b>	8-25 µg/mL	See Below

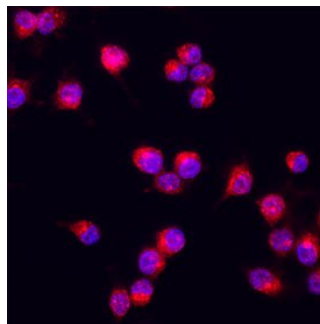
## DATA

### Immunocytochemistry



**Bax in A549 Human Cell Line.**  
Bax was detected in immersion fixed A549 human lung carcinoma cell line using Mouse Anti-Human/Mouse Bax Minus C-Terminus Monoclonal Antibody (Catalog # MAB883) at 8 µg/mL for 3 hours at room temperature. Cells were stained using the NorthernLights™ 557-conjugated Anti-Mouse IgG Secondary Antibody (red; Catalog # NL007) and counterstained with DAPI (blue). Specific staining was localized to cytoplasm. View our protocol for [Fluorescent ICC Staining of Cells on Coverslips](#).

### Immunocytochemistry



**Bax in RAW264.7 cells.** Bax was detected in immersion fixed RAW264.7 cells using Mouse Anti-Human/Mouse Bax Minus C-Terminus Monoclonal Antibody (Catalog # MAB883) at 25 µg/mL for 3 hours at room temperature. Cells were stained using the NorthernLights™ 557-conjugated Anti-Mouse IgG Secondary Antibody (red; Catalog # NL007) and counterstained with DAPI (blue). Specific staining was localized to cytoplasm. View our protocol for [Fluorescent ICC Staining of Non-adherent Cells](#).

## PREPARATION AND STORAGE

<b>Shipping</b>	Lyophilized product is shipped at ambient temperature. Liquid small pack size (-SP) is shipped with polar packs. Upon receipt, store immediately at the temperature recommended below.
<b>Stability &amp; Storage</b>	<p><b>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</b></p> <ul style="list-style-type: none"> <li>12 months from date of receipt, -20 to -70 °C, as supplied.</li> <li>1 month, 2 to 8 °C under sterile conditions after opening.</li> <li>6 months, -20 to -70 °C under sterile conditions after opening.</li> </ul>

## BACKGROUND

Bax belongs to the Bcl2 protein family. It forms homodimers and heterodimers with Bcl2 and functions as an apoptotic activator. Bax interacts with the mitochondrial voltage dependent anion channel and promotes the release of cytochrome c.