Human/Mouse Bax Minus C-Terminus Antibody

Monoclonal Mouse IgG_{2A} Clone # 127602

Catalog Number: MAB883

DESCRIPTION

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

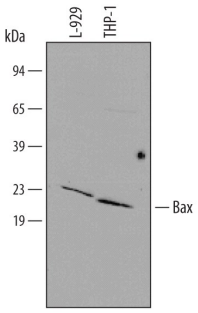
APPLICATIONS

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
Western Blot	1.0-2.0 µg/mL	See Below

DATA

Western Blot



Detection of Human/Mouse Bax Minus C-Terminus by Western Blot. Western blot shows lysates of L-929 mouse fibroblast cell line and THP-1 human acute monocytic leukemia cell line. PVDF membrane was probed with 1.0-2.0 µg/mL of Human/Mouse Bax Minus C-Terminus Monoclonal Antibody (Catalog # MAB883) followed by HRP-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # HAF007). A specific band was detected for Bax Minus C-Terminus at approximately 21 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 4.

PREPARATION AND STORAGE

Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	**Use a manual defrost freezer and avoid repeated freeze-thaw cycles.** ● 12 months from date of receipt, -20 to -70 °C, as supplied. ● 1 month, 2 to 8 °C under sterile conditions after opening. ● 6 months, -20 to -70 °C under sterile conditions after opening.

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.

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