



Certificate of Analysis

APOPTOPAK Miniature Set
Catalog # 17-178
Lot # DAM1564461

Antibody	Anti-Bcl2, clone 100 (mouse monoclonal IgG ₁)	Anti-Bak, NT (rabbit polyclonal IgG)	Anti-Bax, NT (rabbit polyclonal IgG)
Catalog #	05-729-MN	06-536-MN	06-499-MN
Lot #	DAM1564513	DAM1594194	24156
[Immunoblot]	use 0.5-2µg/ml	use 0.5-2µg/ml	use 0.5-2µg/ml
Amount	25µg in 25µl	25µg in 25µl	40µg in 46µl
Physical Form	Liquid at -20°C	Frozen solution	Liquid at -20°C
Storage & Stability	Stable for 2 years at -20°C from the date of shipment	Stable for 2 years at -20°C from the date of shipment	Stable for 2 years at -20°C from the date of shipment
Immunogen	amino acids 41-54 of human Bcl2	amino acids 23-37 of human Bak (SEEQVAQ QDTEEVFRS-C) with a cysteine added to the C- terminus	Amino acids 1-21 of human Bax (MSDGSGE QPRGGGPTSSEQIMK-C) with a cysteine added to the C-terminus
Purification	protein G	protein A	protein A
Known Species Cross- Reactivity	human	mouse, human	mouse, human
Additional Applications	IHC	IP, IHC	IP, ICC

Antibodies also available individually:

Antibody	Catalog #	Pack Size
Anti-Bcl2, clone 100	05-729	100µg
Anti-Bak, NT	06-536	200µg
Anti-Bax, NT	06-499	200µg

FOR RESEARCH USE ONLY
NOT FOR USE IN HUMANS OR ANIMALS

Immunoblot Protocol

1. Perform SDS-polyacrylamide gel electrophoresis (SDS-PAGE) on a cell lysate sample (cell lysis buffer: 50mM Tris-HCl, pH7.4; 1% NP-40; 0.25% sodium deoxycholate; 150mM NaCl; 1mM EDTA; 1mM PMSF; 1µg/ml aprotinin, leupeptin, pepstatin; 1mM Na₃VO₄; 1mM NaF) and transfer the proteins to nitrocellulose. Wash the blotted nitrocellulose twice with water.
2. Block the blotted nitrocellulose in freshly prepared PBS containing 3% nonfat dry milk (Catalog # 20-200), (PBS-MLK) for 20-30 minutes at room temperature with constant agitation.
3. Incubate the nitrocellulose with the indicated amount of primary antibody, diluted in freshly prepared PBS-MLK overnight with agitation at 4°C.
4. Wash the nitrocellulose twice with water for 5 minutes.
5. Incubate the nitrocellulose in the secondary reagent of choice in PBS-MLK for 1.5 hours at room temperature with agitation.
6. Wash the nitrocellulose with water for 5 minutes twice.
7. Wash the nitrocellulose in PBS-0.05% Tween[®]-20 for 3-5 minutes.
8. Rinse the nitrocellulose in 4-5 changes of water.
9. Use detection method of choice (enhanced chemiluminescence was used).

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.