

Recombinant Bax (Apoptosis Marker) Antibody

Rabbit Monoclonal Antibody [Clone BAX/8960R]

| Catalog No | Format | Size |
|----------------|---|--------|
| 581-RBM6-P0 | Purified Ab with BSA and Azide at 200ug/ml | 20 ug |
| 581-RBM6-P1 | Purified Ab with BSA and Azide at 200ug/ml | 100 ug |
| 581-RBM6-P1ABX | Purified Ab WITHOUT BSA and Azide at 1.0mg/ml | 100 ug |

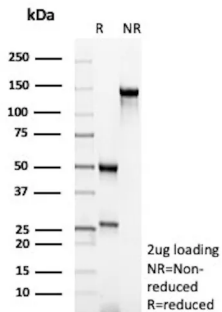
| Applications | Tested Dillution | Note |
|-------------------|------------------|------|
| Western Blot (WB) | 2-4ug/ml | |

Product Details

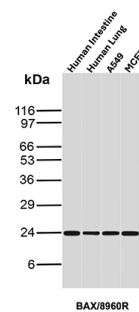
| | |
|-------------------------------|---|
| Clone | BAX/8960R |
| Gene Name | BAX |
| Immunogen | Recombinant fragment (around aa1-100) of human BAX protein (exact sequence is proprietary) |
| Host | Rabbit |
| Clonality | Monoclonal |
| Isotype / Light Chain | IgG / Kappa |
| Mol. Weight of Antigen | 21kDa |
| Cellular Localization | Cytoplasm. |
| Species Reactivity | Human |
| Positive Control | A-549, HL-60, Jurkat, K562 or HeLa cells. Reed-Sternberg cells in Hodgkin's lymphoma. Intestine, Lung, MCF7 |

*Optimal dilution for a specific application should be determined.

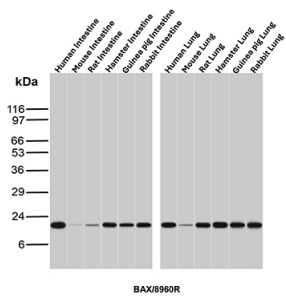
Product Images for Recombinant Bax (Apoptosis Marker) Antibody



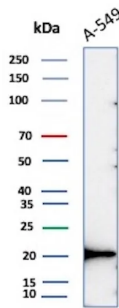
SDS-PAGE Analysis of Purified BAX Recombinant Rabbit Monoclonal Antibody (BAX/8960R). Confirmation of Purity and Integrity of Antibody



Western Blot Analysis of Human Intestine, Human Lung, A549 and MCF7 lysates using Bax Recombinant Rabbit Monoclonal Antibody (BAX/8960R).



Western Blot Analysis of Intestine and Lung tissue lysates of different species using Bax Recombinant Rabbit Monoclonal Antibody (BAX/8960R).



Western Blot Analysis of A-549 cell lysate using Bax Recombinant Rabbit Monoclonal Antibody (BAX/8960R).

Specificity & Comments

Recognizes a protein of 21 kDa, 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.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Research Areas

AKT Signaling, Apoptosis, Autophagy, Breast Cancer, Cardiovascular, Colon Cancer, Complement System, Lung Cancer, Ovarian Cancer, Signal Transduction, Transcription Factors

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.