

Recombinant Bax (Apoptosis Marker) Antibody

Mouse Monoclonal Antibody [Clone rBAX/962]

Catalog No	Format	Size
581-MSM4-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
581-MSM4-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
581-MSM4-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

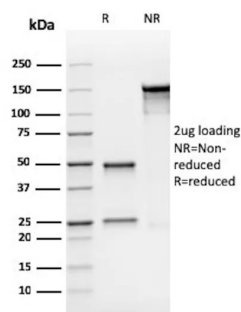
Applications	Tested Dillution	Note
Western Blot (WB)	2-4ug/ml	

Product Details

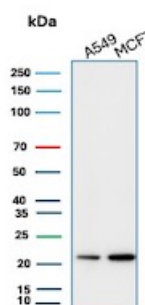
Clone	rBAX/962
Gene Name	BAX
Immunogen	Recombinant fragment (around aa1-100) of human BAX protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	21kDa
Cellular Localization	Cytoplasm, Mitochondrion outer membrane
Species Reactivity	Human
Positive Control	A549, MCF7, Jurkat, HL-60 or HeLa cells. Reed-Sternberg cells in Hodgkin's lymphoma. Human Intestine, Human Kidney, Human Lung, Human Spleen, Human Stomach, A549 or MCF7 .

*Optimal dilution for a specific application should be determined.

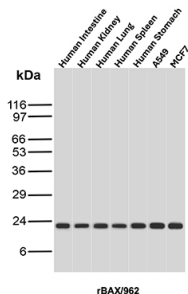
Product Images for Recombinant Bax (Apoptosis Marker) Antibody



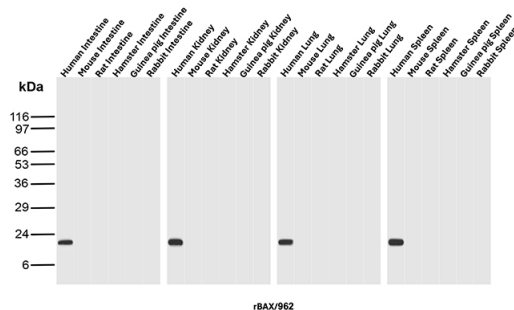
SDS-PAGE Analysis of Purified BAX Recombinant Mouse Monoclonal Antibody (rBAX/962). Confirmation of Purity and Integrity of Antibody.



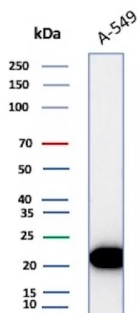
Western Blot Analysis of A549 and MCF7 cell lysates using Bax (Apoptosis Marker) Recombinant Mouse Monoclonal Antibody (rBAX/962).



Western Blot Analysis of Human Intestine, Human Kidney, Human Lung, Human Spleen, Human Stomach, A549 and MCF7 lysates using Bax (Apoptosis Marker) Recombinant Mouse Monoclonal Antibody (rBAX/962).



Western Blot Analysis of Intestine, kidney, lung and Spleen tissue lysates of different species using Bax (Apoptosis Marker) Recombinant Mouse Monoclonal Antibody (rBAX/962).



Western Blot Analysis of A-549 lysate using Bax Recombinant Mouse Monoclonal Antibody (rBAX/962).

Specificity & Comments

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.

Supplied As

200ug/ml of Ab produced in HEK293 cell mammalian-based expression system. 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, 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.