Recombinant Bax (Apoptosis Marker) Antibody

Rabbit Monoclonal Antibody [Clone BAX/13724R]

Catalog No	Format	Size
581-RBM10-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
581-RBM10-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
581-RBM10-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

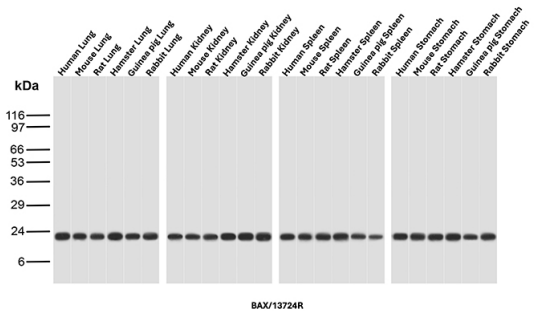
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

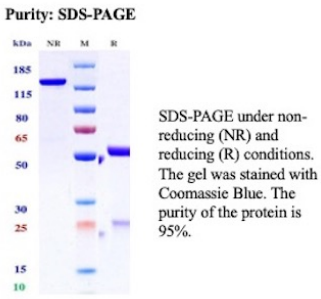
Clone	BAX/13724R
Immunogen	Recombinant fragment (around aa1-100) of the human BAX protein (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	21.18kDa
Cellular Localization	Cytoplasm, Mitochondrion outer membrane, Nucleus
Species Reactivity	Human
Positive Control	A549, MCF7, HL-60, Jurkat, K562 or HeLa cells. Reed-Sternberg cells in Hodgkin's lymphoma, Intestine, Lung, Kidney, Spleen, A549, MCF7, Stomach

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant Bax (Apoptosis Marker) Antibody

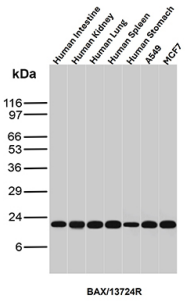


Western Blot Analysis of Lung, Kidney, Spleen and Stomach tissue lysates of different species using Bax (Apoptosis Marker) Recombinant Rabbit Monoclonal Antibody (BAX/13724R).



SDS-PAGE under non-reducing (NR) and reducing (R) conditions. The gel was stained with Coomassie Blue. The purity of the protein is 95%.

SDS-PAGE Analysis of Purified BAX Recombinant Rabbit Monoclonal Antibody (BAX/13724R).Confirmation of Purity and Integrity of Antibody.



Western Blot Analysis of Human Intestine, Human Kidney, Human Lung, Human Spleen, Human Stomach, A549 and MCF7 lysates using Bax (Apoptosis Marker) Recombinant Rabbit Monoclonal Antibody (BAX/13724R).

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 produced in a 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.

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.