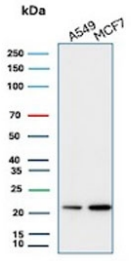
Recombinant BAX Antibody [clone rBAX/962] (V5782)

Catalog No.	Formulation	Size
V5782-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5782-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5782SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

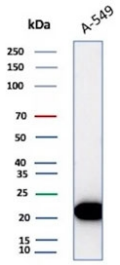
Recombinant MOUSE MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rBAX/962
Purity	Protein G affinity
UniProt	Q07812
Localization	Cytoplasm
Applications	Western Blot : 2-4ug/ml
Limitations	This recombinant BAX antibody is available for research use only.



Western blot testing of human A549 and MCF7 cell lysate with recombinant Bax antibody (clone rBAX/962). Predicted molecular weight ~21 kDa.



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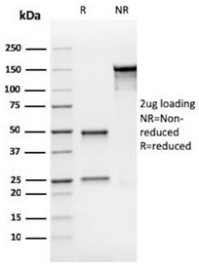

SDS-PAGE analysis of purified, BSA-free recombinant Bax antibody (clone rBAX/962) as confirmation of integrity and purity.

Description

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.

Application Notes

Optimal dilution of the recombinant BAX antibody should be determined by the researcher.

Immunogen

A portion of amino acids 1-100 from human BAX protein was used as the immunogen for the recombinant BAX antibody.

Storage

Aliquot the recombinant BAX antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.