

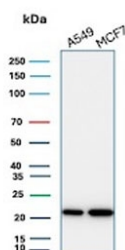
## Recombinant BAX Antibody [clone BAX/3158R] (V5783)

Catalog No.	Formulation	Size
V5783-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5783-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5783SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

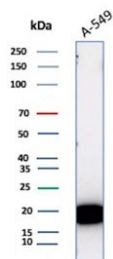
Recombinant **RABBIT MONOCLONAL**

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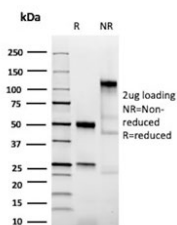
<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Rabbit
<b>Clonality</b>	Recombinant Rabbit Monoclonal
<b>Isotype</b>	Rabbit IgG, kappa
<b>Clone Name</b>	BAX/3158R
<b>UniProt</b>	Q07812
<b>Localization</b>	Cytoplasm
<b>Applications</b>	Western Blot : 2-4ug/ml
<b>Limitations</b>	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 BAX/3158R). Predicted molecular weight ~21 kDa.



Western blot testing of human A549 cell lysate with recombinant BAX antibody (clone BAX/3158R). Predicted molecular weight ~21 kDa.



SDS-PAGE analysis of purified, BSA-free recombinant BAX antibody (clone BAX/3158R) as confirmation of integrity and purity.

## Description

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.

## 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 -20°C or colder. Avoid repeated freeze-thaw cycles.