

anti-Bax

Cat #: HM1022
Mouse monoclonal IgG
0.2 µg/µl, store at 4 °C

For research use only

BACKGROUND

Bax (for Bcl-associated X protein) belongs to the Bcl-2 protein family. Bcl-2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. Bax has extensive amino acid homology with Bcl-2 and both homodimerizes and forms heterodimers with Bcl-2. It functions as an apoptotic activator. Bax interacts with, and increase the opening of, the mitochondrial voltage-dependent anion channel (VDAC), which leads to the loss in membrane potential and the release of cytochrome c. Its expression is regulated by the tumor suppressor P53 and has been shown to be involved in P53-mediated apoptosis.

SPECIFICITY

This antibody reacts with Bax of mouse, rat and human origin by Western blotting, immunoprecipitation and immunohistochemistry.

Recommended dilution Western blotting: 1:1000. Molecular Weight of Bax: 23 kDa.

IMMUNOGEN

Full-length recombinant human Bax protein.

STORAGE

This antibody is stable for 12 months when stored at 2-8°C.

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