

Datasheet

BAX monoclonal antibody (M01), clone 1F5-1B7

Catalog Number: H00000581-M01

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant BAX.

Clone Name: 1F5-1B7

Immunogen: BAX (AAH14175, 1 a.a. ~ 192 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MDGSGEQPRGGGPTSSEQIMKTGALLLQGFQDRAG
RMGGEAPELALDPVPQDASTKKLSECLKRIGDELDSN
MELQRMIAAVDTSPPREVFVRVAADMFSDFGNFNWGR
VVALFYFASKLVLKALCTKVPELIRTIMGWTLDFLRERL
LGWIQDQGGWDGLLSYFGTPTWQTATIFVAGVLTASL
TIWKKMG

Host: Mouse

Reactivity: Human

Applications: ELISA, IF, IHC-P, PLA-Ce, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG2b Kappa

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 581

Gene Symbol: BAX

Gene Alias: BCL2L4

Gene Summary: The protein encoded by this gene

belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein forms a heterodimer with BCL2, and functions as an apoptotic activator. This protein is reported to interact 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. The expression of this gene is regulated by the tumor suppressor P53 and has been shown to be involved in P53-mediated apoptosis. Multiple alternatively spliced transcript variants, which encode different isoforms, have been reported for this gene. [provided by RefSeq]

References:

1. p53 is positively regulated by miR-542-3p. Wang Y, Huang JW, Castella M, Huntsman DG, Taniguchi T Cancer Res. 2014 Apr 24.