ARG30268
Apoptosis Marker Antibody Duo (Bcl2, Bax)

Package: 1 pair
Store at: -20°C

Component

Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG65612	anti-Bax antibody	Rabbit pAb	Hu, Ms, Rat	ICC/IF, IHC-P, WB	50 µl
ARG55188	anti-Bcl 2 antibody	Rabbit pAb	Hu, Ms, Rat	ICC/IF, IP, WB	50 µl

Summary

Product Description

BCL2 suppresses apoptosis in a variety of cell systems including factor-dependent lymphohematopoietic and neural cells. Regulates cell death by controlling the mitochondrial membrane permeability. Appears to function in a feedback loop system with caspases. Inhibits caspase activity either by preventing the release of cytochrome c from the mitochondria and/or by binding to the apoptosis-activating factor (APAF-1). 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.

Bax protein belongs to the BCL2 protein family. 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. (provided by RefSeq, Jul 2008)

BAX/BCL2 expression ratio has been identified as an import index to figure out the fate of the cell undergoing apoptosis or anti-apoptosis in variety studies, including cancer study, therapeutic agent searching and therapeutic response evaluation.

arigo provide an Apoptosis marker Duo, ARG30268, including anti-Bcl2 and anti-Bax antibodies, is useful for user in studying BAX/BCL2 correlation.

Target Name

Apoptosis Marker

Alternate Names

Apoptosis Marker antibody; Bcl 2 antibody; Bax antibody

Properties

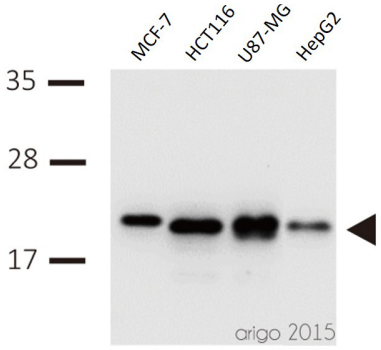
Storage instruction

For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

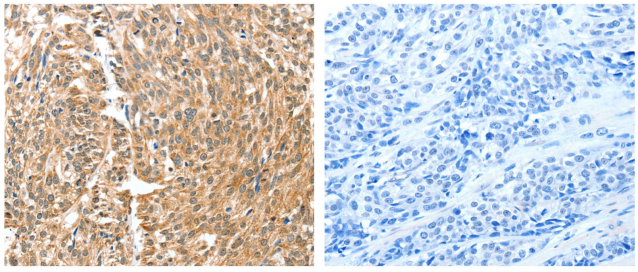
For laboratory research only, not for drug, diagnostic or other use.

Images



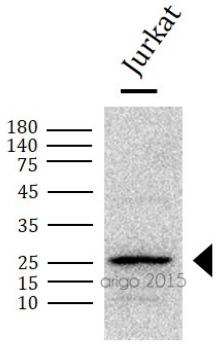
ARG65612 anti-Bax antibody WB image

Western blot: 30 µg of MCF-7, HCT116, U87-MG, and HepG2 cell line lysates stained with ARG65612 anti-Bax antibody at 1:500 dilution.



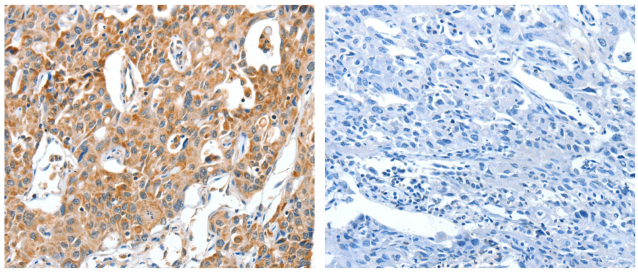
ARG65612 anti-Bax antibody IHC-P image

Immunohistochemistry: paraffin-embedded Human esophagus cancer tissue stained with ARG65612 anti-Bax antibody (left) at 1/30 dilution, or the same antibody preincubated with antigen (right). (Original magnification: X200)



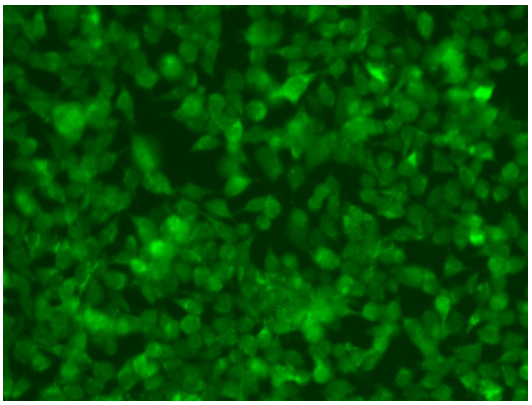
ARG55188 anti-Bcl-2 antibody WB image

Western blot: 30 µg of Jurkat cell lysate stained with ARG55188 anti-Bcl-2 antibody at 1:1000 dilution.



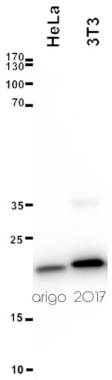
ARG65612 anti-Bax antibody IHC-P image

Immunohistochemistry: paraffin-embedded Human lung cancer tissue stained with ARG65612 anti-Bax antibody (left) at 1/30 dilution, or the same antibody preincubated with antigen (right). (Original magnification: X200)



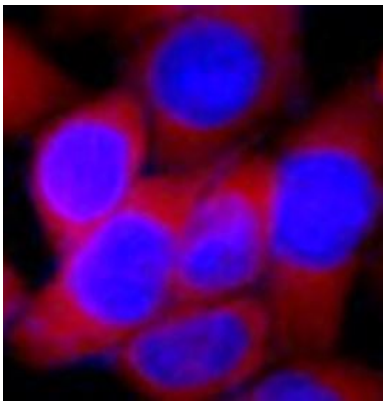
ARG65612 anti-Bax antibody ICC/IF image

Immunocytochemistry: HeLa cells fixed with Methanol / Acetone 1:1 ratio (-20°C for 20 min) and blocked by 3% BSA in PBS (RT for 1 hour). The cells stained with ARG65612 anti-Bax antibody at 1:20 dilution (RT for 1 hour).



ARG65612 anti-Bax antibody WB image

Western blot: 20 µg of HeLa and 3T3 cell lysates stained with ARG65612 anti-Bax antibody at 1:3000 dilution.



ARG55188 anti-Bcl 2 antibody ICC/IF image

Immunofluorescence: HeLa cells stained with ARG55188 anti-Bcl 2 antibody (red) at 1:100 dilution. DAPI (blue) for nuclear staining.