ARG30269
Apoptosis Marker Antibody Duo (Bcl2, Bid)

Package: 1 pair
Store at: -20°C

Component

Cat. No.	Component Name	Host clonality	Reactivity	Application	Package
ARG20055	anti-Bid antibody	Rabbit pAb	Hu	IHC-P, IP, WB	25 µg
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. Bid is a death agonist that heterodimerizes with either agonist BAX or antagonist BCL2. Bid protein is a member of the BCL2 family of cell death regulators. It is a mediator of mitochondrial damage induced by caspase-8 (CASP8); CASP8 cleaves this encoded protein, and the COOH-terminal part translocates to mitochondria where it triggers cytochrome c release. Multiple alternatively spliced transcript variants have been found, but the full-length nature of some variants has not been defined. (provided by RefSeq, Jul 2008) Bcl2, BID and Bax are known to play a major role in the process of apoptosis and their dysfunction underlies carcinogenesis. Therefore, anti-Bcl2, Bid and Bax antibodies have been used in many cancer and cancer therapeutic studies. arigo provide an Apoptosis marker Duo, ARG30269, including anti-Bcl2 and anti-Bid antibodies, is useful for user to study the correlation of Bid, Bcl2 and apoptosis.

Target Name

Apoptosis Marker

Alternate Names

Apoptosis Marker antibody; Bid antibody; Bcl 2 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.

Bioinformation

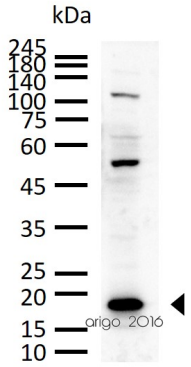
Gene Full Name

Antibody Duo for Apoptosis Marker (Bcl2, Bid)

Highlight

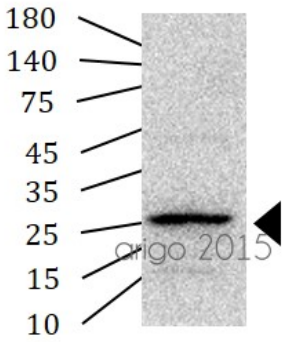
Related Product:
anti-Bid antibody;
anti-Bcl 2 antibody;

Images



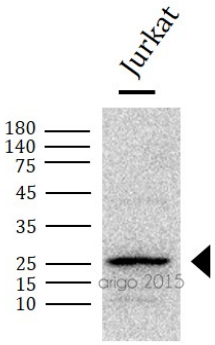
ARG20055 anti-Bid antibody WB image

Western blot: 30 µg of Jurkat cell lysate stained with ARG20055 anti-Bid antibody at 1:500 dilution.



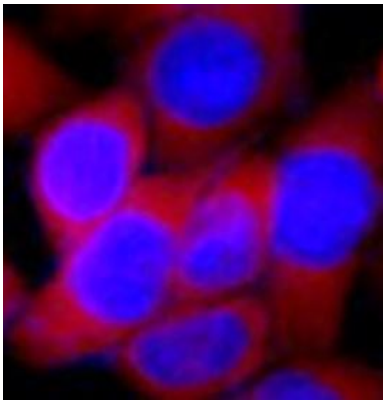
ARG55188 anti-Bcl-2 antibody WB image

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



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.



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.

ARG55188 anti-Bcl 2 antibody WB image

Western blot: Gastric cancer cells stained with ARG55188 anti-Bcl 2 antibody.

From Limin Zhang et al. Heliyon (2024), doi: 10.1016/j.heliyon.2024.e30803, Fig. 4. C.