

ARG55188 anti-Bcl 2 antibody

Package: 100 µl, 50 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Bcl 2
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IP, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Bcl 2
Species	Human
Immunogen	Synthetic peptide of Human Bcl-2 (Swiss: P10415)
Conjugation	Un-conjugated
Alternate Names	BCL2; BCL2 Apoptosis Regulator; PPP1R50; Bcl-2; Protein Phosphatase 1, Regulatory Subunit 50; Apoptosis Regulator Bcl-2; B-Cell CLL/Lymphoma 2; BCL2, Apoptosis Regulator

Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:100
	IP	1:50 - 1:100
	WB	1:500 - 1:1000

Application Note * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

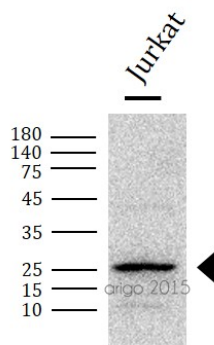
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
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. 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

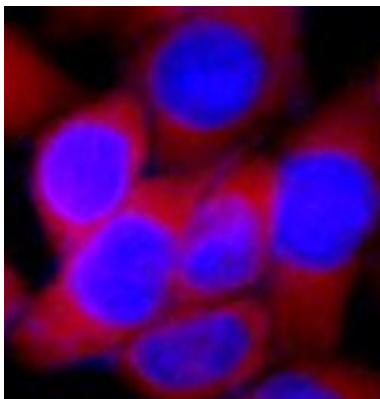
Gene Symbol	BCL2
Gene Full Name	B-cell CLL/lymphoma 2
Background	This gene encodes an integral outer mitochondrial membrane protein that blocks the apoptotic death of some cells such as lymphocytes. Constitutive expression of BCL2, such as in the case of translocation of BCL2 to Ig heavy chain locus, is thought to be the cause of follicular lymphoma. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]
Function	Suppresses apoptosis in a variety of cell systems including factor-dependent lymphohematopoietic and neural cells. [UniProt]
Highlight	Related Antibody Duos and Panels: ARG30268 Apoptosis Marker Antibody Duo (Bcl2, Bax) ARG30269 Apoptosis Marker Antibody Duo (Bcl2, Bid) Related products: Bcl-2 antibodies; Bcl-2 Duos / Panels; Anti-Rabbit IgG secondary antibodies; Related news: Lymphoma
Research Area	Cancer antibody; Cell Biology and Cellular Response antibody; Cell Death antibody; Metabolism antibody; Signaling Transduction antibody; Apoptosis Marker antibody
Calculated Mw	26 kDa
PTM	Phosphoprotein, Ubl conjugation. [UniProt]
Cellular Localization	Cytoplasm, Endoplasmic reticulum, Membrane, Mitochondrion, Mitochondrion outer membrane, Nucleus. [UniProt]

Images



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.

Bcl2



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](https://doi.org/10.1016/j.heliyon.2024.e30803), Fig. 4. C.
