

ARG43908 anti-MCL1 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes MCL1
Tested Reactivity	Hu, Rat
Predict Reactivity	Ms
Tested Application	ELISA, FACS, ICC/IF, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MCL1
Species	Human
Immunogen	Human MCL1 recombinant protein
Conjugation	Un-conjugated
Alternate Names	MCL1; MCL1 Apoptosis Regulator, BCL2 Family Member; BCL2L3; Mcl-1; Induced Myeloid Leukemia Cell Differentiation Protein Mcl-1; Myeloid Cell Leukemia Sequence 1 (BCL2-Related); MCL1, BCL2 Family Apoptosis Regulator; Bcl-2-Related Protein EAT/Mcl1; Myeloid Cell Leukemia 1; Bcl-2-Like Protein 3; Bcl2-L-3; Mcl1/EAT; BCL2 Family Apoptosis Regulator; Myeloid Cell Leukemia ES; MCL1-ES; MCL1L; MCL1S; EAT; TM

Application Instructions

Application table	Application	Dilution
	ELISA	0.1-0.5 µg/ml
	FACS	1-3 µg/1x10 ⁶ cells
	ICC/IF	5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

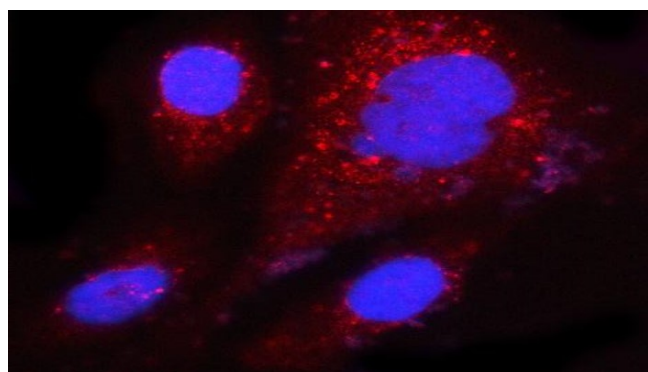
Form	Liquid
Purification	Affinity purified with Immunogen.
Buffer	0.9% NaCl, 0.2% Na ₂ HPO ₄ and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml

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 Symbol	MCL1
Gene Full Name	MCL1 Apoptosis Regulator, BCL2 Family Member
Background	This gene encodes an anti-apoptotic protein, which is a member of the Bcl-2 family. Alternative splicing results in multiple transcript variants. The longest gene product (isoform 1) enhances cell survival by inhibiting apoptosis while the alternatively spliced shorter gene products (isoform 2 and isoform 3) promote apoptosis and are death-inducing. [provided by RefSeq, Oct 2010]
Function	Involved in the regulation of apoptosis versus cell survival, and in the maintenance of viability but not of proliferation. Mediates its effects by interactions with a number of other regulators of apoptosis. Isoform 1 inhibits apoptosis. Isoform 2 promotes apoptosis.
Calculated Mw	37 kDa
PTM	Isopeptide bond, Phosphoprotein, Ubl conjugation
Cellular Localization	Cytoplasm, Membrane, Mitochondrion, Nucleus

Images

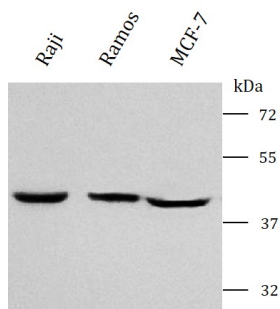


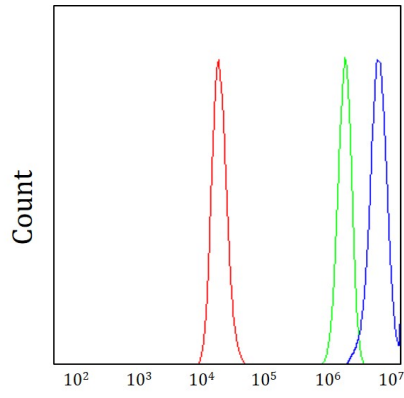
ARG43908 anti-MCL1 antibody ICC/IF image

Immunofluorescence: PC-3 cells stained with ARG43908 anti-MCL1 antibody at 5 µg/ml dilution.

ARG43908 anti-MCL1 antibody WB

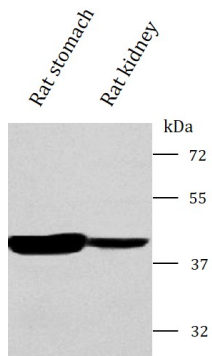
Western blot: Raji, Ramos and MCF-7 stained with ARG43908 anti-MCL1 antibody at 0.5 µg/mL dilution.





ARG43908 anti-MCL1 antibody FACS image

Flow Cytometry: RT4 cells stained with ARG43908 anti-MCL1 antibody (blue) at 1 µg/1x10⁶ cells dilution.



ARG43908 anti-MCL1 antibody WB

Western blot: Rat stomach and Rat kidney with ARG43908 anti-MCL1 antibody at 0.5 µg/mL dilution.